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PALAEONTOLOGY

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PALAEONTOLOGY

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INSTRUCTIONS.

The present volume consists of three parts :—

- (a) Schedules and Indexes in four languages.
- (b) An Author Catalogue.
- (c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata ; in the second section the arrangement is according to fossils ; the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In each section the final arrangement of papers is in the alphabetical order of authors' names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the top corners of the pages.

If the reader remember the name of the author of a paper on a given subject, he will probably find it convenient to refer to the Author Catalogue rather than to the Subject Catalogue.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the topographical classification. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

(K-653)

B

	General, including strata of unknown age.	Lower Palaeozoic.	Upper Palaeozoic.	Triassic.	Jurassic.	Cretaceous.	Lower Cretaceous.	Upper Cretaceous.	Palaeocene and Eocene.
0231 General Palaeozoology	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231 <i>Perforata</i>	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
6031 Mammalia	35, 0031	50, 0031	55, 0031	65, 0031	70, 0031	75, 0031	85, 0031	90, 0031	95, 0031
5831 Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631 Reptilia and Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431 Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031 Tunicata, Amphioxus, &c.	35, 5031	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431 <i>Arthropoda</i> , including Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2431 <i>Myriapoda</i>	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2031 Arachnida	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
2831 Xiphosura, Eurypterida, Trilobita, &c.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631 Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231 <i>Mollusca</i> , including Cephalopoda, Gastropoda, Amphineura, Scaphopoda, and Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031 Brachyopoda including Bryozoa (Polyzoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831 Vermea	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031 Echinodermata	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831 Ctenophora including Graptolithoides	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631 Forifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431 Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131 Fossils of doubtful affinity or origin	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Palaeobotany.		35	60	55	65	70	75	85	90	95
5000	General Palaeobotany	...	50,5000	55,5000	65,5000	70,5000	75,5000 ¹	85,5000	90,5000	95,5000
5400	Dicoryletoles	...	50,5400	55,5400	65,5400	70,5400	75,5400	85,5400	90,5400	95,5400
6000	Monocotyledons	...	50,6000	55,6000	65,6000	70,6000	75,6000	85,6000	90,6000	95,6000
6500	Gymnosperms	...	50,6500	55,6500	65,6500	70,6500	75,6500	85,6500	90,6500	95,6500
6700	Vascular Cryptogams	...	50,6700	55,6700	65,6700	70,6700	75,6700	85,6700	90,6700	95,6700
7000	Mosses and Hepaticae	...	50,7000	55,7000	65,7000	70,7000	75,7000	85,7000	90,7000	95,7000
7300	Characeae	...	50,7300	55,7300	65,7300	70,7300	75,7300	85,7300	90,7300	95,7300
7400	Algae and Schizophyceae	...	50,7400	55,7400	65,7400	70,7400	75,7400	85,7400	90,7400	95,7400
7600	Lichens	...	50,7600	55,7600	65,7600	70,7600	75,7600	85,7600	90,7600	95,7600
7700	Fungi, Bacteria, and Mycetozoa	...	50,7700	55,7700	65,7700	70,7700	75,7700	85,7700	90,7700	95,7700
7900	Flants of unascertained position	...	50,7900	55,7900	65,7900	70,7900	75,7900	85,7900	90,7900	95,7900

(K-653)

B 2

Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

-
- 0000 Philosophie.
 - 0010 Histoire. Biographie.
 - 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
 - 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
 - 0040 Discours, Lectures et Conférences.
 - 0050 Enseignement.
 - 0060 Institutions, Musées, Collections. Applications pratiques.
 - 0070 Nomenclature.
 - 0100 Distribution géographique des animaux et des plantes dans les temps passés.
 - 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
 - 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poisons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *et*.

Paléozoologie ou paléontologie zoologique.																			
		Généralités, y compris les couches d'âge incertain.		Paléozoologie inférieure.		Paléozoologie supérieure.		Triasique.		Jurassique.		Crétacé.		Neozoologie inférieure. Éocène Oligocène.		Neozoologie supérieure. Miocène Pliocène.		Pliocène et terrains récents.	
0231	Paléozoologie générale	...	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231								
5231	Vertébrés	...	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231								
6031	Mammifères	...	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031								
6831	Oiseaux	...	35, 6831	50, 6831	55, 6831	65, 6831	70, 6831	75, 6831	85, 6831	90, 6831	95, 6831								
6831	Reptiles et Batraciens	...	35, 6831	50, 6831	55, 6831	65, 6831	70, 6831	75, 6831	85, 6831	90, 6831	95, 6831								
6431	Poissons	...	35, 6431	50, 6431	55, 6431	65, 6431	70, 6431	75, 6431	85, 6431	90, 6431	95, 6431								
6031	Tuniciers, Amphioxus, etc.	...	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031								
2431	Arthropodes, y compris les Insectes	...	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431								
3031	Myriapodes	...	35, 3031	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031								
3031	Arachnides	...	35, 3031	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031								
2531	Xiphosures, Euriptérides, Trilobites, etc.	...	35, 2531	50, 2531	55, 2531	65, 2531	70, 2531	75, 2531	85, 2531	90, 2531	95, 2531								
2531	Crustacés	...	35, 2531	50, 2531	55, 2531	65, 2531	70, 2531	75, 2531	85, 2531	90, 2531	95, 2531								
2231	Mollusques, y compris les Cephalopodes, Gastropodes, Amphineures, Scaphopodes, et Lamellibranches (Pelecypodes)	...	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231								
2031	Brachiopodes, y compris les Bryozoaires	...	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031								
1831	Vers	...	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831								
1031	Echinodermes	...	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031								
0531	Cœlentères, y compris les Graptolithoïdes	...	35, 0531	50, 0531	55, 0531	65, 0531	70, 0531	75, 0531	85, 0531	90, 0531	95, 0531								
0631	Forifères	...	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631								
0431	Protozoaires	...	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431								
0131	Fossiles d'affinité ou d'origine douteuse	...	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131								

Paléozoologie ou paléontologie
zoologique.

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	50.5000	55.5.00	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
5100	Dicotylédones	...	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6000	Monocotylédones	...	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6500	Gymnospermes	...	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6700	Cryptogames vasculaires	...	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
7000	Mousses et hépatiques	...	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
7300	Characees	...	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
7400	Algues et Schizophytes	...	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
7600	Lichens	...	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7700	Champignons, Bactéries, et Mycétozoaires	...	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7900	Plantes incertaines	...	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *et.*

Pflanzenpaläontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaläontologie	35, 5000	50, 5000	55, 5000	65, 5000	70, 5000	75, 5000	85, 5000	90, 5000	95, 5000
5100	Dicotyledonen	35, 5400	50, 5400	55, 5400	65, 5400	70, 5400	75, 5400	85, 5400	90, 5400	95, 5400
5200	Monocotyledonen	35, 5900	50, 5900	55, 5900	65, 5900	70, 5900	75, 5900	85, 5900	90, 5900	95, 5900
5300	Gymnospermen	35, 6200	50, 6200	55, 6200	65, 6200	70, 6200	75, 6200	85, 6200	90, 6200	95, 6200
5400	Angiospermen	35, 6700	50, 6700	55, 6700	65, 6700	70, 6700	75, 6700	85, 6700	90, 6700	95, 6700
5500	Grasses-Cryptogamen	35, 7000	50, 7000	55, 7000	65, 7000	70, 7000	75, 7000	85, 7000	90, 7000	95, 7000
5600	Laubmoose und Lebermoose	35, 7300	50, 7300	55, 7300	65, 7300	70, 7300	75, 7300	85, 7300	90, 7300	95, 7300
5700	Characeae	35, 7600	50, 7600	55, 7600	65, 7600	70, 7600	75, 7600	85, 7600	90, 7600	95, 7600
5800	Algen (einschl. der Schizophyten)	35, 7700	50, 7700	55, 7700	65, 7700	70, 7700	75, 7700	85, 7700	90, 7700	95, 7700
5900	Pflanzen (einschl. der Bacterien und Schleim- pilze)	35, 7800	50, 7800	55, 7800	65, 7800	70, 7800	75, 7800	85, 7800	90, 7800	95, 7800
6000	Pflanzen ungewisser Stellung	35, 7900	50, 7900	55, 7900	65, 7900	70, 7900	75, 7900	85, 7900	90, 7900	95, 7900

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7

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PALAEONTOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

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AFFINITY OR ORIGIN.0131.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Nemertites sudeticus Roem. **Walter**.
Centralbl. Min., Stuttgart, **1903**, (76-78).

0131.70 JURASSIC.

Rhizokorallium hildesiense n. sp.
Menzel, H., Hildesheim, Mitt. Roemer-
Mus., Nr **17**, 1902, (1-7, mit 1 Taf.).

0131.85 LOWER CAENOZOIC
(EOCENE OLIGOCENE).

Daemonehelix krameri Ammon.
Fuchs, T. Wien, Verh. Geol. RchsAnst.,
1901, (171-172).

0131.95 PLEISTOCENE AND
RECENT.

Barbour, E. H. Science, New York,
N.Y., (N. Ser.), **18**, 1903, (504-505).

0431 PROTOZOA.

0431.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Fusulina alternans n. sp. **Schellwein**,
E. [In: K. Futterer, Durch Asien.

Bd 3.] Berlin, 1903, (125-174, mit 5
Taf.).

Orbitolina. **Egger**, J. G. München,
Abh. Ak. Wiss., math.-phys. Cl., **21**,
1902, (575-600, mit 6 Taf.).

Textularia. **Schubert**, R. J. Wien,
Verh. Geol. RchsAnst., **1902**, (80-85).

0431.75 CRETACEOUS.

Bifarina semibaculi n. sp. **Liebus**, A.
und **Schubert**, R. J. Wien, Jahrb. Geol.
RchsAnst., **52**, **1902**, 1903, (285-310,
mit 1 Taf.).

Calcarina rotula n. sp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

Clavulina. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria. **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Cristellaria barbata n. sp. **Egger**,
J. G. München, Abh. Ak. Wiss.,
math.-phys. Cl., **21**, 1902, (1-230, mit
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Cyclammina. **Liebus**, A. und
Schubert, R. J. Wien, Jahrb. Geol.
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mit 1 Taf.).

Dimorphina nn. spp. **Egger**, J. G.
München, Abh. Ak. Wiss., math.-phys.
Cl., **21**, 1902, (1-230, mit 27 Taf.).

———— **Liebus**, A. und **Schubert**,
R. J. Wien, Jahrb. Geol. RchsAnst.,
52, **1902**, 1903, (285-310, mit 1 Taf.).

Discorbina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Flabellina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Flabellinella praemucronata n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Frondicularia stachei n. sp. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Frondicularia zitteliana n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Gaudryina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Gaudryina minima n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Gümbelina n. gen. (∞ *Textularia*). et n. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Haplophragmium nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Lagena. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Nodosaria nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Nodosaria. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Placopilina bibullata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1-230, mit 27 Taf.).

Planispirina agglutinans n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Proroporus. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Proroporus surgens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Pseudotextularia. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Reussina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Sagrina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroloculina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroplecta. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Spiroplecta nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Thurammina splendens n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl. **21**, 1902, (1-230, mit 27 Taf.).

Trilaxia compressa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Truncatulina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

Truncatulina foveoides n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Verneuilina. **Liebus**, A. und **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (285-310, mit 1 Taf.).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Ammofrondicularia n. gen. *A. angusta* n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Bolivina vaccki n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Cyclammina le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323-341).

Cyclammina uhligi n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Hyperammia pellucida n. sp. **Schubert**, R. J. Wien, Beitr. Pal. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Nummulites. **Schubert**, R. J. Wien, Verh. Geol. RchsAnst., **1901**, (94-98).

Pavonina agglutinans n. sp. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-16, mit 1 Taf.).

Trigenerina n. gen. **Schubert**, R. J. Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (9-26, mit 1 Taf.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cyclammia le-beli n. sp. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (323-341).

Faujasina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (13-15).

Nodosaria scalaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (49-58, con fig.).

Nubecularia caespitosa n. form. **Steinmann**, G. Wien, Ann. NatHist. Hofmus., **18**, 1903, (112-116).

Polymorphina. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (11-13, con tav.).

Siphogenerina columellaris. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **55**, 1902, (101-104, con fig.).

— **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Spiroplecta. **Silvestri**, A. Roma, Atti Acc. Nuovi Lincei, **56**, 1902, (59-66, con fig.).

Textularia. **Fornasini**, C. Riv. ital. paleont., Bologna, **8**, 1902, (44-47, con fig.).

Vaginulina sulzensis n. form. **Herrmann**, A. Strassburg, Mitt. geol. Landesanst., **5**, 1903, (263-273).

0431.95 PLEISTOCENE AND RECENT.

Trachelomonas nn. spp. **Palmer**, T. Philadelphia, Pa., Proc. Acad. Nat. Sci., **54**, 1902, (791-795, with pl.).

0631 PORIFERA.

0631.50 LOWER PALAEOZOIC.

Strephochetus n. gen. nn. spp. **Seely**, H. M. Vermont, Rep. Geol., Burlington, **3**, **1901-1902**, 1902, (151-161, with pl.).

0631.55 UPPER PALAEOZOIC.

Nepheliospongia n. gen. nn. spp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus., (187-194, with pl.).

Nepheliospongiae n. fam. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (187-194, with pl.); Albany Univ., N.Y., Rep. St. Mus. (187-194, with pl.).

0631.70 JURASSIC.

Eudictyon n. gen. *E. steinmanni* n. sp. **Bisstram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

0631.75 CRETACEOUS.

Craticularia micropora n. sp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Rhizopoterion nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

Thecosiphonia nobilis. **Schrammen**, A. Centralbl. Min., Stuttgart, **1903**, (1923).

Ventriculites nn. spp. **Ungern-Sternberg**, E. Freiherr von. Königsberg, Schr. physik. Ges., **43**, 1902, (132-151, mit 3 Taf.).

0831 COELENTERATA.

0831.45 PALAEOZOIC.

Caractophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (199-222).

Cylindrophyllum n. gen. *C. elongatum* n. sp. **Simpson**, G. B. Albany Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Ditoecholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Edaphophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Euterolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Hapsiphyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Homalophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Kionelasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Laeophyllum n. gen. *L. acuminatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Lopholasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Meniscophyllum n. gen. *M. minutum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Odontophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222);

Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Placophyllum n. gen. *P. tabulatum* n. sp. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Prismatophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Scenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Schoenophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Stercolasma n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Synaptophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

Triplophyllum n. gen. **Simpson**, G. B. Albany Univ., N.Y., Bull. St. Mus., No. 39, **8**, 1900, (199-222); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900, 3**, 1902, (199-222).

0631.50 LOWER PALAEOZOIC.

Amphigraptus distans n. sp. **Elles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (121).

Diphyphyllum hillingsi n. sp. **Greene**, G. K. Contribution to Indiana paleontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

Eridophyllum louisvillensis n. sp. **Greene**, G. K. Contribution to Indiana paleontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

Favosites helderbergiae var. *praececdens* n. var. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Halysites radiatus n. sp. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (489-490, with 2 pls.). Separate. 24.5 cm.

Leptograptus nn. spp. et nn. varr. **Elles**, G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (115).

Nemagraptus. **Elles**, G. L. and **Wood**, E. M. R. London, Monogr. Palaeont. Soc., **57**, 1903, (127, 128, 130, 133).

Pleurodictyum megastomum Dun. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (105-107, with pl. XVI.).

Pleurograptus linearis (Carr.) var. *simplex* n. var. **Elles**, G. L. and **Wood**, E. M. R. (ex Lapworth M.S.). London, Monogr. Palaeont. Soc., **57**, 1903, (121).

Rhizophyllum. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N. S. Wales, **7**, pt. 3, 1903, (232-233, table 47).

0831.55 UPPER PALAEOZOIC.

Alveolites nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (138 with pl.).

Brooksella rhenana n. sp. **Kinkel**, F. Frankfurt a. M., Ber. Senckenb. Ges., **1903**, Tl 2, (89-96, mit 1 Taf.).

Chonophyllum pygmaeum n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Fossopora n. gen. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, No. 1, 1903, (16-19, tables 1-2).

Heliophyllum spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Indiana, 1903, (139 with pl.).

Heliophyllum nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12, (110-111, with pl.). Part 15, (146-155, with pl.). New Albany, Indiana, 1903. 22.8 cm.

Lonsdaleia multiseptata n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Michelinia wardi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (130 with pl.).

Phillipsastraea nn. spp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Romingeria nn. spp. **Beecher**, C. E. [Reprinted from the Amer. J. Sci., New Haven, Conn., **16**, 1903, (1-11, with 5 pl.).] 23.1 cm.

Striatopora bellistriata n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12 (112 with pl.). Part 13 (131 with pl.). New Albany, Indiana, 1903.

Thamnophyllum supradeticum n. sp. **Penecke**, K. A. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (141-152, mit 4 Taf.).

Zaphrentis trisinuatus n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Indiana, 1903, (131 with pl.).

Zaphrentis weberi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Indiana, (111 with pl.).

0831.65 TRIASSIC.

Loevenipora vinassai n.g., n. sp. **Giattini**, G. B. Riv. ital. paleont., Bologna, **8**, 1902, (62-66, con tav.).

0831.70 JURASSIC.

Actinaraea. **Felix**, J. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Aplosmilium eutiches n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Baryhelix hexacnemus n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Calamophyllia tubiporaeformis n. sp. **Felix**, J. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (165-183, mit 2 Taf.).

Caryophyllia oppeli n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (195-217, mit 3 Taf.).

Centrastraea nn. sp. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

Comoseris leptophyes n. sp. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

Dimorphastraea kobyi n. sp. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

Diplocoenia. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

Heterastraea rhaetica. **Tomes, R. F.** London, Q. J. Geol. Soc., **59**, 1903, (403-407, figs.).

Latimaecandra nn. spp. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

Milleporidium n. gen. *M. remesi* n. sp. **Steinmann, G.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (1-8, mit 2 Taf.).

Stephanocoenia nn. spp. **Felix, J.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (165-183, mit 2 Taf.).

0831.75 CRETACEOUS.

Acanthocoenia neocomiensis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Actinacis remesi n. sp. **Felix, J.** Centralbl. Min., Stuttgart, **1903**, (561-577).

Aplosmilium crucifera n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astraraea n. nom. = *Thamnastraea multiradiata* Reuss. **Felix, J.** Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Astraraea n. gen. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astrogyra n. gen. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Astrogyra n. nom. = *Gyrosmilia edwardsi* Reuss. **Felix, J.** Leipzig, SitzBer. natf. Ges., **26-27**, (1899-1900), 1901, (37-40).

Aulopsammia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

(K 653)

Cerato'rochus amphitrites n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Coccophyllum maximum n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cryptocoenia irregularis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophora nn. spp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Cyathophyllum. **Hilber, V.** Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).

Cyathoseris zitteli n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Dimorphastraea waehneri n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Diplocoenia hegyesina n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Diploria latissimata n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Elusmocoenia kittliana n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplaraea pratzii n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Haplohelium ornata n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Heterocoenia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Holocystis bukovicinensis n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. ÖstUng., **15**, 1903, (9-30, mit 2 Taf.).

Hydrophora kossmati n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (162-360, mit 9 Taf.).

Lasmoogyra nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Latimaecantraea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Litharaea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Montlivaltia latoni n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Oculina nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 6 Taf.).

Orbicella ? *texana* n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Pachygyra microphytes n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Parasmilia texana n. sp. **Vaughan, T. W.** Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv., No. **205**, 1903, (37-40, with pl.).

Phyllocoenia roashensis n. sp. **Dacqué, E.** Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Phyllosmilia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placocoenia nn. spp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Placocoenia major n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placohelia bigemmis n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Placosmilia europhila n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Plesiophyllia acrisionae n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Protoseris cretacea n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Psilogyra n. gen. *P. telleri* n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Stenogyra sinuosa n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Styina parvistella n. sp. **Volz, W.** Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (9-30, mit 2 Taf.).

Thamnaraea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Thamnastraea nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochoyathus microphytes n. sp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

Trochosmilia nn. spp. **Felix, J.** Palaeontographica, Stuttgart, **49**, 1903, (163-360, mit 9 Taf.).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actinacis nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Astraeopora mostarensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Astrocoenia nn. spp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Azoseris n. gen. *A. hoernesii* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Barysmilia dalmatina n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Calamophyllia subtilis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Ceratotrochus clinatus n. sp. **Dennant, J.** Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Circophyllia gibba n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cladocora ? *bosniaca* n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyathomorpha dabricensis n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyathoseris dinarica n. sp. **Oppenheim, P.** Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cyclolites rhomboideus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Cycloseris brazzanensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Flabellum bosniacum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Goniaraea octopartita n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Haimesiastraea conferta. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Heliastraea nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Hydnophyllia nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Leptoseris ? *rarestella* n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Madrepora nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Mesomorpha columnaris n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Millepora dalmatina n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Paracyathus marylandicus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (205-206).

Pattalophyllia dalmatini n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Placosmilia cornu n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Placotrochus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Platytrachus speciosus. **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **15**, 1902, (207-209).

(K 653)

Pleuropodia n. gen. *P. otrayensis* n. sp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Porites crustulum n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Rhabdophyllia fallax n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Stephanosmilia d'achiardii n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Trochocyathus nn. spp. **Dennant**, J. Adelaide, S. Aust., Trans. R. Soc., **27**, 1903, (208-215, with pl.).

Trochoseris nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

Turbinoseris dubravitzensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstÜng., **13**, **1901**, (141-277, mit 9 Taf.).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Caryophyllia californica **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

0831.95 PLEISTOCENE AND RECENT.

Caryophyllia pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paracyathus pedroensis **Vaughan** n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Erisocrinus lóczyi n. sp. **Katzer**, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

1031.50 LOWER PALAEOZOIC.

Dotryocrinus longibrachiatas n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (108-9, with pl. xviii).

Camarocrinus ulrichi n. sp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Coelocystis n. gen. (Genotype, *Hemicosmites subglobosus* Hall). **Schuchert**, C. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Helicocrinus n. gen. *H. plumosus* n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., 15 (N. Ser.), 1903, (107-8, with pls. xvii-xviii).

Jaekelocystis n. gen. *J. hartleyi* n. sp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Pseudocrinites nn. spp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Sphaerocystites globularis n. sp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., 32, 1903, (230-240).

Stephanocrinus nn. spp. (Rowley). **Greene**, G. K. Contribution to Indiana palaeontology. Part XI. New Albany, Ind., 1903, (98-109, with pl.). 22.8 cm.

1031.55 UPPER PALAEOZOIC.

Aorocrinus cassedayi v. *charlestownensis*, Rowley. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (142, with pl.).

Calceocrinus granuliferus n. sp. (Rowley). **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (114, with pl.).

Carpen'eroblastus teryi n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (127, with pl.).

Cidaroblastus parvus n. sp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Codaster attenuatus, Lyon, Rowley. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128, with pl.).

Crioblastus nn. spp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Dolatocrinus spp., n. sp. et n. var. **Greene**, G. K. Contributions to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (132, 134, 136, with pls.).

Dolatocrinus nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (140-145, with pls.).

Dolatocrinus (Rowley) nn. spp. et nn. varr. **Greene**, G. K. Contribution to Indiana palaeontology. Pt. 15. New Albany, Indiana, 1903, (146-155, with pl.).

Dolatocrinus excaratus var. *incarinatus* n. var. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (112, with pl.).

Dolatocrinus pernodosus n. sp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (113, with pl.).

Gennaeocrinus nn. spp. et n. var. **Greene**, G. K. Contribution to Indiana palaeontology. Part 11. New Albany, Ind., 1903, (98-109, with pl.).

Globoblastus nn. spp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Megistocrinus nn. varr. **Greene**, G. K. Contribution to Indiana palaeontology. Part 11. New Albany, Ind., 1903, (98-109, with pl.).

Megistocrinus rugosus n. sp. L. and C., Rowley. **Greene**, G. K. Contribution to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (131, with pl.).

Megistocrinus spp. var. **Greene**, G. K. Contribution to Indiana palaeontology. Part 14. New Albany, Ind., 1903, (141-145, with pls.).

Metablastus nitidulus, M. and G. Rowley. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128, with pl.).

Nucleocrinus spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (128-129, with pl.).

Paropsonema n. gen. *P. cryptophya* n. sp. **Clarke**, J. M. Albany Univ. N.Y., Bull. St. Mus., No. 39, 8, 1900, (172-186, with pl.); Albany Univ. N.Y., Rep. St. Mus., No. 54, 1900, 3, 1902, (172-186, with pl.).

Pentremites spp. **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (115-126, with pls.).

Pentremites nn. spp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Platyerinus devonicus n. sp. (Rowley). **Greene**, G. K. Contribution to Indiana palaeontology. Part 12. New Albany, Ind., (114, with pl.).

Saccoblastus ventricosus n. sp. **Hambach**, G. St. Louis, Mo., Trans. Acad. Sci., 13, 1903, (1-67, with pl.).

Stemmatocrinus? teryi n. sp. **Greene**, G. K. Contributions to Indiana palaeontology. Part 13. New Albany, Ind., 1903, (133, with pl.).

1031.70 JURASSIC.

Antedon nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Cyrtocrinus marginatus n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Eugeniocrinus nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Phyllocrinus cyclamen n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

Sclerocrinus nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

1031.75 CRETACEOUS.

Arthraster senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Cyphosoma mollense n. sp. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd 17, 1903, (252-312, mit 3 Taf.).

Hemiaster cubicus. **Fourteau**, R. Bul. Muséum, Paris, 1903, (177-180).

Marsupites . . . **Jukes-Browne**, A. J. Geol. Mag., London, (N. Ser.), [4] 9, 1902, (449-450).

Pentaceros senonensis n. sp. **Valette**, Dom A. Auxerre, Bul. soc. sci. hist. nat., 56, 1902, (3-26, av. fig.).

Porocidaris prior n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., 32 (1902), 1903, (435-456, mit 1 Taf.).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Brissopsis forojuliensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

Hemiaster basidcorus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

Pericosmus tergestinus n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

1831 VERMES.

1831.70 JURASSIC.

Serpula torquata n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OstUng., 14, 1902, (195-217, mit 3 Taf.).

1831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Serpula nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., 13, 1901, (141-277, mit 9 Taf.).

1831.95 PLEISTOCENE AND RECENT.

Planaria alpina. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

Polycelis cornuta. Voigt, W. Verh. D. Geogr. Tag., Berlin, **14**, 1903, (216-224).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aulopocella n. gen. = *A. tubulifera*. Maplestone, C. M. Vict. Nat., Melbourne, **20**, 1903, (99).

Orthotichia poecki n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte). 26 cm. 14 M.

Productus abichi Waagen. Noetling, F. Centralbl. Min., Stuttgart, **1903**, (529-531).

Productus amazonicus n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte). 26 cm. 14 M.

Spirifer piracanicus n. sp. Katzer, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staates Pará in Brasilien). Leipzig (M. Weg), 1903, (III + 298, mit 4 Portr., 1 Karte).

2031.45 PALAEOZOIC.

Platystrophia. Cumings, E. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (1-48, 121-136, with pl.).

2031.50 LOWER PALAEOZOIC.

Chonetes nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (74-78, with pls. xi-xii).

Craniella lata n. sp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (68-69, with pl. X).

Lingula latior nn. spp. Chapman, F. Melbourne; Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (64-65, with pl. X).

Monomerella noveboracum n. sp. Clarke, J. M. and Ruedemann, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Orbiculoidea selicyni n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (66-68, with pl. X).

Plectambonites cressicelli nn. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (72-74, with pl. XI).

Rhynchonella ? litchfieldensis n. sp. Schuchert, C. Amer. Geol., Minneapolis, Minn., **31**, 1903, (160-178).

Siphonotreta australis n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (65-66, with pl. X).

Siphonotreta maccoyi n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (118-119, with pl. XVIII).

Stropheodonta (Brachyprion) lilydalensis n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (70-71, with pls. XI-XII).

Stropheodonta (Leptostrophia) alata n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (69-70, with pl. X).

Strophomena. Nickles, J. M. Amer. Geol., Minneapolis, Minn., **32**, 1903, (202-218).

Strophonella euglyphoides n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (71-72, with pl. XII).

Uncinulus stricklandi Sow. spp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (78).

2031.55 UPPER PALAEOZOIC.

Ambocoelia umbonata Conr. Reed, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (186, pl. XXIII, fig. 5).

- Camarotoechia nitida* n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Chonetes* spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903 (171-174, pls. XX-XXI, figs. 1-5, 9-12).
- Chonetes crassitesta* n. sp. **Gürich**, G. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (127-164, mit 2 Taf.).
- Cryptonella* spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (179-180, pl. XXII, figs. 1-3).
- Gypidula romingeri* var. *indianensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Leiorhynchus* nn. spp. **Gürich**, G. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (127-164, mit 2 Taf.).
- Leptocoelia flabellites* Conr. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (189, pl. XXIII, fig. 10).
- Lingula* spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (167, pl. XX, figs. 1-3).
- Martinia williamsi* n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Orbiculoidea baini* Morr. and Sharp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (168, pl. XX, figs. 4-5).
- Orthis* sp.? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (175, pl. XXI, fig. 6).
- Orthis tectiformis* n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd. **17**, 1903, (1-75, mit 4 Taf.).
- Orthothetes sullivanii* Morr. and Shp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (170, pl. XX, fig. 8).
- Productus* nn. spp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).
- Rensselaeria* spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (176-178, pl. XXI, figs. 8-10).
- Reticularia wabashensis* n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Retzia*. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (187, pl. XXIII, figs. 6-7).
- Rhynchonella* (*Camarotoechia*). **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1933, (175, pl. XXI, fig. 7).
- Rhynchonella depressa* n. sp. *R. gainesi* var. *cassensis* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Rhynchospira*? **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (188, pl. XXIII, figs. 8-9).
- Seminula argentia* (Shepard) Hall. **Beede**, J. W. Indianapolis, Ind., Proc. Acad. Sci., **1901**, 1902, (221-222). [Abstract].
- Spirifer* nn. spp. **Gürich**, G. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (127-164, mit 2 Taf.).
- Spirifer ceres* n. sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (183-185, 194, pl. XXII, figs. 6-7; pl. XXIII, figs. 1-5).
- Spirifer gregarius* var. *greeni*. n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).
- Spirifer melissensis* n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).
- Spirifer mucronatus* nn. varr. **Shimer**, H. W. and **Grabau**, A. W. Rochester, N.Y., Bull. Geol. Soc. Amer., **13**, 1902, (149-186).
- Spiriferina?* *baliensis*. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).
- Stropheodonta cf. concinna* M. & S. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 6).
- Strophonella*. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (169, pl. XX, fig. 7).
- Trigleria*. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (178, pl. XXI, figs. 11, 12).
- Vitulina pustulosa* Hall. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (191, pl. XXIII, fig. 11).

2031.65 TRIASSIC.

Amphielina lukowskii n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Amphielinodonta katzeri n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Anisac'inella v. *Spirigera*.

Aulacothyris nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Cyrtina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Retzia magnifica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Rhynchonella nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spiriferina nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Spirigera nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Stolzenburgiella n. subgen. (*Spirigera*) *S. lukowskii*. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Terebratula nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Thecospira textilis n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

Waldheimia planoconvexa n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (495-643, mit 10 Taf.).

2031.75 CRETACEOUS.

Kingena blawkenhorni n. sp. **Dacqué**, F. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

Kingena neptoni. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (258).

Magns latestriata. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (254).

Rhynchonella. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (260).

Terebratella menardi Lam. var. *pterygotos*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (256).

Terebratula biplicata Sow. var. *gigantea*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (250).

Terebrirostea lyra (Sow) var. *incurvis-ros'rum*. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (255).

Zeilleria convexiformis. **Walker**, J. F. [In Lamplugh, G. W. and Walker, J. F.] London, Q. J. Geol. Soc., **59**, 1903, (253).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

Terebratula hoeferi n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. Ost-Ung., **13**, 1901, (141-277, mit 9 Taf.).

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Rhyncopora incurvata n. sp. **Neviani** A. Roma, Boll. Soc. geol. ital., **21**, 1902, (260-262, con fig.).

Terebratalia smithi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

BRYOZOA.

2031.45 PALAEOZOIC.

Dekayia perfrondosa n. nom. (= *Monticulipora mammulata* D'Orbigny). **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

DeKayia subfrondosa n. sp. et nn. varr. **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **29**, 1902, (197-217, with 4 pl.).

2031.50 LOWER PALAEOZOIC.

Fenestella australis nn. spp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (61-63, with pl. X).

2031.55 UPPER PALAEOZOIC.

Batostomella le'a n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cyclotrypa ? *barberi* Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Cystodictya anisopora n. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Ecaetionopora castletoniensis n. sp. **Barnes**, J. Manchester, Trans. Geol. Soc., **28** (9), 1903, (243-245, fig.).

Fenestella nn. spp. and n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Fistulipora carbonaria var. *nebrascensis* n. var. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Meekopora prusseri Ulrich. n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Polypora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Rhombopora lepidodendroides. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **31**, 1903, (22-24, with pl.).

Stenopora nn. spp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

Thamniscus palmatus n. sp. (Provisional). *T. pinnatus* n. sp. **Condra**, G. E. Amer. Geol., Minneapolis, Minn., **30**, 1902, (337-359, with 8 pl.).

2031.75 CRETACEOUS.

Ceriopora multiformis Mayer-Eymar n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, II, 1903, (337-392, mit 3 Taf.).

2031.80 CAENOZOIC.

Cellepora stellata n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with pl. xvi).

Dimorphocella n. gen. *D. pyriformis* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16** (N. Ser.), 1903, (140-1, with pl. xvi).

Hornera airensis n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (146, with pl. xvii).

Phylactella eribrosa n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (141-2, with pl. xvi).

Retepora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143-6, with pl. xvi-xvii).

Schismopora nn. spp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (142-3, with pl. xvi).

Solenopora n. gen. *S. tubulifera* n. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (143, with pl. xvi).

2031.90 UPPER CAENOZOIC (MIOCENE, PLEISTOCENE).

Protulophila gestroi. **Neviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

Terebriopora manzonii. **Neviani**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (41-49, con tav.).

2231 MOLLUSCA.

CEPHALOPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Nautilus bidorsatus. **Franz**, V. N. Jahrb. Min., Stuttgart, Beilagebd **17** 1903, (486-497).

Orthoceras. **Ruedemann**, R. Amer. Geol., Minneapolis, Minn., **31**, 1903, (199-217).

Xenodiscus tanguticus n. sp. **Schellwien**, E. [In: K. Futterer, Durch Asien. Bd 3], Berlin, 1903, (125-174, mit 5 Taf.).

2231.45 PALAEOZOIC.

Orthoceras. **Pošta**, P. Prag, SitzBer. Böhm. Ges. Wiss., **1902**, 1903, No. LII, 6, mit 1 Taf.).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras bovinum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Cyrtorhizoceras curvicameratum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Gyroceras fuscimen n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Orthoceras trusitum n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Potrioceras sauridens n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Protophragmoceras patronus n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aganides nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (27-112, mit 4 Taf.).

Aganides discoidalis n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Agathiceras ciscoense n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Aphyllites barroisi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (27-112, mit 4 Taf.).

Pactrites carbonarius n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Beloceras praecursor n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (27-112, mit 4 Taf.).

Beyrichoceras n. sub-gen. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (163, 219).

Brancoceras enniskillenense n. sp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (208).

Clymenia nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (27-112, mit 4 Taf.).

Cyrtoceras expansum n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Denckmannia bredonensis. **Buckmann**, S. S. London, Q. J. Geol. Soc., **59**, 1903, (459).

Dimorphoceras texanum n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.).

Epitornoceras n. subgen. [von *Tornoceras*]. *E. irideum* n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (27-112, mit 4 Taf.).

Gastrioceras n. spp. **Foord**, A. H. London, Mon. Palaeont. Soc., **57**, 1903, (200).

Gastrioceras welleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Glyphioceras (*Beyrichoceras*) nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (168).

Glyphioceras (*Muensteroceras*) nn. spp. **Foord**, A. H. London, Monogr. Palaeont. Soc., **57**, 1903, (193).

Goniatites nn. spp. **Kindle**, M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Goniatites newsoni n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gonioclymenia uhligi n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Gonioloboceras welleri n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Gyroceras indianense n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529–758, with pl.).

Maenoceras koeneni n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Orthoceras. **Clarke**, J. M. Albany, Univ. N.Y., Bull. St. Mus., No. 39, **8**, 1900, (167–171, with pl.); Albany Univ., N.Y., Rep. St. Mus., No. 54, **1900**, **3**, 1902, (167–171, with pl.).

Paralegoceras newsomi n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Paralytoceras n. subgen. [von *Sporadoceras*]. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Popanoceras ganti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prodromites ornatus n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites gurlayi n. sp. **Smith**, J. R. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Prolecanites nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Pronorites siebenhali n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Pseudarietites n. gen. *P. silesiacus* n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Schistoceras hyatti n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schuchertites n. gen. *S. grahami* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Schumardites n. gen. *S. simondsi* n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Sphenoceras n. sub. gen. **Foord**, A. N. London, Monogr. Palaeont. Soc., **57**, 1903, (154, 218).

Sporadoceras pseudosphaericum n. sp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Tornoceras nn. spp. **Frech**, F. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (27–112, mit 4 Taf.).

Vestinautilus crassimarginatus. **Foord**, A. H. **Crick**, G. C. Geol. Mag., London, (ser. 2), [4], **10**, 1903, (552).

Waagenoceras hilli n. sp. **Smith**, J. P. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **42**, 1903, (211 + iii, with pl.). 30 cm.

Xenodiscus tanguticus n. sp. **Schellwien**, E. Königsberg, Schr. physik. Ges., **43**, 1902, (59–78, mit 1 Taf.).

2231.65 TRIASSIC.

Arpadites celtitoides n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Arthaberites n. gen. *A. alexandrae* n. sp. **Diener**, C. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (3–42, mit 3 Taf.).

Atractites nn. spp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Bittnerites n. subgen. [von *Tirolites*] et nn. spp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Ceratites paronai n. sp. **Airaghi**, C. Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Ceratites prior n. sp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dalmatites n. gen. *D. morlaccus* n. sp. **Kittl**, E. Wien, Abh. Geol. RchAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Dinarites nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

——— **Tommasi, A.** Roma, Boll. Soc. geol. ital., **21**, 1902, (344–348, con tav.).

Gymnites majaisovicsi n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Hololobus n. subgen. [von *Tirolites*]. *H. monoptychus* n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Joannites proavus n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Kymatites scilajanus n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Meekoceras canavarii n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Nautilus. Hoernes, R. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (LXXV–LXXIX).

Nautilus nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pinacoceras aspidoides n. sp. **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Pinacoceras oppanii n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Pleuromaulus nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Proarceles stampai n. sp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

Ptychites nn. spp. **Airaghi, C.** Paleontogr. Italica, Pisa, **8**, 1902, (21–42, con 2 tav. e 8 fig.).

——— **Diener, C.** Wien, Beitr. Pal. Geol. ÖstUng., **13**, 1901, (3–42, mit 3 Taf.).

Stacheites n. gen. *S. prionoides* n. sp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Scilajites n. subgen. [von *Tirolites*] et nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Tirolites nn. spp. **Kittl, E.** Wien, Abh. Geol. RchsAnst., **20**, Heft 1, 1903, (77, mit 11 Taf.).

Xenodiscus tanguticus n. sp. **Schellwien, E.** Königsberg, Schr. physik. Ges., **43**, 1902, (59–78, mit 1 Taf.).

2231.70 JURASSIC.

Ammonites robustus. **Crick, G. C.** London, Proc. Malac. Soc., **5**, (4), 1903, (290–296).

Arietites peregrinus n. sp. **Fucini, A.** Mem. Soc. tosc. sc. nat., Pisa, **18**, 1902, (3–9, con tav.).

Chartronia costata. **Buckman, S. S.** London, Q. J. Geol. Soc., **59**, 1903, (459).

Schlothemia neumayri n. nom. **Bis tram, A. Freiherr von.** Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116–214, mit 8 Taf.).

2231.75 CRETACEOUS.

Aturia praeziczac n. sp. **Oppenheim, P.** München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435–456, mit 1 Taf.).

Baculites hochstetteri n. sp. **Liebus, A.** Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (113–130, mit 1 Taf.).

Barroisiceras nn. spp. **Shattuck, G. B.** Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9–36, with pl.).

Belemnites. **Lamplugh, G. W.** Geol. Mag., London, (Ser. 2) [4], **10**, 1903, (32–34).

Desmoceras jonesi n. sp. **Gregory, J. W. and Smith, F. V.** Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (141–144, with pl. xxii).

Gaudryceras. **Yabe, H.** Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Lyloceras. **Yabe, H.** Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1–55, with 7 pl.).

Mammites binicostatus n. sp. **Petrascheck, W.** Wien, Beitr. Pal. Geol. ÖstUng., **14**, 1902, (131–162, mit 5 Taf.).

Muniericeras dresdeneae n. sp. **Petrascheck**, W. Wien, Beitr. Pal. Geol. OstUng., **14**, 1902, (131-162, mit 5 Taf.).

Nautilus hilli n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U.S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Oleostephanus antarctica n. sp. **Weller**, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-419, with pl.).

Scaphites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (277-284, mit 1 Taf.).

Scaphites constrictus. **Włodowski**, T. Wien, Verh. Geol. RchsAnst., **1902**, (301-302).

Tetragonites. **Yabe**, H. Tokyo, J. Coll. Sci., **18**, Art. 2, 1903, (1-55, with 7 pl.).

GASTROPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Fulgur. **Johnson**, C. W. Nautilus, Boston, Mass., **17**, 1903, (73-75).

Helicostyla. **Pilsbry**, H. A. Nautilus, Boston, Mass., **17**, 1903, (58).

Pleurostomaria Lóczyi n. sp. **Schellwien**, E. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (125-174, mit 5 Taf.).

Prurontina n. nom. (=Paramenia Pravat not Bauer & Bergenstamm.). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Bellerophon shelbiensis n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Coelidium n. nom. (=Coelocaulus Oehlert not Hall). **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Eotomaria nn. spp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Euomphalus fairchildi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hormotoma whiteavesi n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Hyolithes leptus n. sp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (119-120, with pl. xviii).

Poleumita n. nom. (=Polytropis de Koninck not Sandberger). **Clarke**, J. M., and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

Poleumita scamnata n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Aclisina barnetti n. sp. *A. barnetti* var. *elongata* n. var. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Bellerophon attalicus n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Bellerophon (Bucania?) sphacricus n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Callonema conus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Capulus cassensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Conularia fimbriata n. sp. **Walker**, K. N. Jahrb. Min., Stuttgart, Beilagebd **17**, 1903, (1-75, mit 4 Taf.).

Euomphalus (Straparollus) exiguus n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, 1900, 1901, (529-758, with pl.).

Murchisonia nn. spp. **Enderle, J.**
Wien, Beitr. Pal. Geol. OstUng., **13**,
1901, (43-109, mit 5 Taf.).

Naticopsis arthaberi n. sp. **Enderle,**
J. Wien, Beitr. Pal. Geol. OstUng., **13**,
1901, (43-109, mit 5 Taf.).

Platyceras nn. spp. et nn. varr.
Kindle, E. M. Indiana, Rep. Dept. Geol.
Nat. Res., Indianapolis, **25**, 1900, 1901,
(529-758, with pl.).

Platyceras arkonense n. sp. **Shimer,**
H. W. and **Grabau, A. W.** Rochester,
N.Y. Bull. Geol. Soc. Amer., **13**, 1902,
(149-186).

Pleurotomaria? anatólica n. sp. **En-**
derle, J. Wien, Beitr. Pal. Geol. Ost
Ung., **13**, 1901, (43-109, mit 5 Taf.).

2231.70 JURASSIC.

Ampullospira infraliasica n. sp.
Chartron et Cossmann. Paris, Bul. soc.
géol., (sér. 4), **2**, 1902, (163-203, av. 2
pl.).

Ataphrus planilabium n. sp. **Chartron**
et **Cossmann.** Paris, Bul. soc. géol.,
(sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Cerithiella welschi n. sp. **Chartron et**
Cossmann. Paris, Bul. soc. géol., (sér. 4),
2, 1902, (163-203, av. 2 pl.).

Chartronia n. gen. *C. digoniata* n. sp.
Chartron et Cossmann. Paris, Bul.
soc. géol., (sér. 4), **2**, 1902, (163-203, av.
pl.).

Cælostylina nn. spp. **Chartron et**
Cossmann. Paris, Bul. soc. géol., (sér.
4), **2**, 1902, (163-203, av. 2 pl.).

Cylinðrobullina nn. spp. **Chartron et**
Cossmann. Paris, Bul. soc. géol., (sér.
4), **2**, 1902, (163-203, av. 2 pl.).

Endianaulax n. subgen. *E. plani-*
callosum n. sp. **Chartron et Cossmann.**
Paris, Bul. soc. géol., (sér. 4), **2**, 1902,
(163-203, av. 2 pl.).

Endiataenia n. gen. *E. terquemi* n.
sp. **Chartron et Cossmann.** Paris, Bul.
soc. géol., (sér. 4), **2**, 1902, (163-203,
av. 2 pl.).

Eucylus tectiformis n. sp. **Chartron**
et **Cossmann.** Paris, Bul. soc. géol.,
(sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Ezelissa infraliasica n. sp. **Chart-**
ron et Cossmann. Paris, Bul. soc. géol.
(sér. 4), **2**, 1902, (163-203, av. pl.).

Figulus caviceps n. sp. **Chartron et**
Cossmann. Paris, Bul. soc. géol., (sér.
4), **2**, 1902, (163-203, av. 2 pl.).

Nigidius elongatus n. sp. **Chartron**
et **Cossmann.** Paris, Bul. soc. géol.,
(sér. 4), **2**, 1902, (163-203, av. 2 pl.).

Paracerithium n. gen. et nn. spp.
Chartron et Cossmann. Paris, Bul. soc.
géol., (sér. 4), **2**, 1902, (163-203, av. 2
pl.).

Procerithium n. gen. et nn. spp.
Chartron et Cossmann. Paris, Bul. soc.
géol., (sér. 4), **2**, 1902, (163-203, av. 2
pl.).

Promathildiaterebralis n. sp. **Chartron**
et **Cossmann.** Paris, Bul. soc. géol.,
(sér. 4), **2**, 1902, (163-203, av. pl.).

Promathildia terquemi n. nom. **Bis-**
tram, A. Freiherr von. Freiburg i. B.,
Ber., natf. Ges., **13**, 1903, (116-214, mit
1 Taf.).

Pseudomelania chartroni n. sp.
Chartron et Cossmann. Paris, Bul. soc.
géol., (sér. 4), **2**, 1902, (163-203, av.
pl.).

2231.75 CRETACEOUS.

Cerithium? texanum n. sp. **Shat-**
tuck, G. B. Washington, D.C., Bull.,
Dept. Int., U. S. Geol. Surv., No. **205**,
1903, (9-36, with pl.).

Campeloma harlowtonensis n. sp.
Stanton, T. W. Philadelphia, Pa., Proc.
Amer. Phil. Soc., **42**, 1903, (188-199,
with pl.).

Eulima wanneri n. sp. **Oppenheim,**
P. München, SitzBer. Ak. Wiss., math.-
physik. Cl., **32** (1902), 1903, (435-456,
mit 1 Taf.).

Fusus texanus n. sp. **Shattuck, G. B.**
Washington, D.C., Bull., Dept. Int.,
U. S. Geol. Surv., No. **205**, 1903, (9-36,
with pl.).

Goniobasis? nn. spp. **Stanton, T. W.**
Philadelphia, Pa., Proc. Amer. Phil. Soc.,
42, 1903, (188-199, with pl.).

Lagena? antarctica n. sp. **Weller, S.**
Chicago, Ill., J. Geol. Univ. Chic., **11**,
1903, (413-419, with pl.).

Natica (Amauropesia) goleana n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **80**, II, 1903, (337-392, mit 3 Taf.).

Nerinea aculeocochleata n. sp. **Brolli**, F. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (601-610, mit 1 Taf.).

Pleurotomaria stantoni n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **206**, 1903, (9-36, with pl.).

Pleurotomaria thebensis n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Turritella budaensis n. sp. **Shattuck**, G. B. Washington, D.C., Bull., Dept. Int., U. S. Geol. Surv., No. **206**, 1903, (9-36, with pl.).

Viviparus montanaensis n. sp. **Stan- ton**, T. W. Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

Conus scopularis n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Drillia harmonica n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Fusus erbreichi n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Hyalinia (Polita) mattiaca n. sp. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Lyria nestor n. subsp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Melanatria peneckeii n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Melania majevitzae n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Metula fragilis n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Microdrillia n. gen. et nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc., Acad. Nat. Sci., **55**, 1903, (261-283).

Natica nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Olivella affluens n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Phos nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat., Sci., **55**, 1903, (261-283).

Pleurotoma nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Scobinella nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Trochus dabricensis n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Turritella prominens n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Umbraculum. Eosinica n. subgen. *U. (E.) elevatum* n. sp. **Aldrich**, T. H. Nautilus, Boston, Mass., **17**, 1903, (19-20).

2231.80 CAENOZOIC.

Fulgur. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Pleurotomaria nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **16**, (N. Ser.), 1903, (83-91, with pls. xiii-xiv).

Sycotypus. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Carychium fischeri n. sp. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (182-184).

Cerithium nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Clavilithes chamberlaini n. sp. **Johnson**, C. W. and **Grabau**, A. W. Philadelphia, Pa., Proc. Acad. Nat. Sci., **53**, 1901 (602-603).

Cochlespirella n. gen. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE)

Adelopoma martensi n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Archaeozonites conicus n.sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Azeka frechi n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Corypa oppoliensis n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Hyalinia (Gyalina n. subgen.) *roemeri* n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (Polita) miocaenica n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Hyalinia (Vitrea) procrystallina n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Leucochilus ferdinandi n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Limnaea nn. spp. **Gorjanović-Kramberger**, K. [D.] Wein, Beitr. Pal. Geol. Ost Ung., **13**, 1901, (121-140, mit 2 Taf.).

Mangilia (Taranis) strongi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci. **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis nikorai Brus. var. *carinata* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Oleacina (Salusiella) fossilis n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Orygoceras fuchsi Kittl. synonym. mit *Creseis fuchsi* Kittl. **Lörentz**, T. Földt. Közl., Budapest, **33**, 1903, (470-472, 518-520).

Planorbis (Gyrorbis) gurichi n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Planorbis multiformis Bronn, var. *kochi* n. var. **Kormos**, T. Földt. Közl., Budapest, **33**, 1903, (451-462, 496-508, mit Taf. XIII.).

Pleurotoma (Borsonia) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Pleurotoma (Spirotropsis) smithi n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Strobilus böttgeri. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., Nr. **18**, 1902, (1-31).

Trophon (Boreotrophon) stuarti Smith var. *praecursor* n. var.] **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica* Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Valenciennesia nn. spp. **Gorjanović-Kramberger**, K. [D.] Wien, Beitr. Pal. Geol. Ost Ung., **13**, 1901, (121-140, mit 2 Taf.).

Vallonia. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **35**, 1903, (72-76).

2231.95 PLEISTOCENE AND RECENT.

Amastra nn. spp. **Baldwin**, D. D. *Nautilus*, Boston, Mass., **17**, 1903, (34-36).

Amphissa ventricosa n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**,] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bela sanctae-monicae n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Bittium williamsoni n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol. No. **31**, 1903, (1-420, with pl.).

Columbella (subgenera *Aesopus* *Anachis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Columbella solidula Reeve var. *praeursor* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Delphinoidea coronadoensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Drillia nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Eupleura muriciformis var. *curta* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Fulgur. **Grabau**, A. W. *Amer. Nat.*, Boston, Mass., **37**, 1903, (515-539).

Helix sylvana. **Rollier**, L. *Paris, Bul. soc. géol.*, (sér. 4), **2**, 1902, (278-288).

Limnaea peregr. **Reynell**, A. *London, Proc. Malac. Soc.*, **5** (6), 1903, (344).

Mangilia (subgenera *Cythara* *Taranis*) nn. spp.; *Manjilia* nn. spp. et var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita optabilis Carpenter nn. varr. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Margarita parcipecta Carpenter var. *pedrona* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Melanopsis nn. spp. **Brusina**, S. *Graz, Mitt. Natw. Ver. Steierm.*, **39**, 1902, 1903, (101-121).

Melanopsis acicularis. **Wüst**, E. *Zs. Natw. Stuttgart*, **75**, (1902), 1903, (209-223).

Mitromorpha intermedia n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa cerritensis n. sp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Nassa versicolor C. B. Adams var. *hooveri* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Neritina. **Brusina**, S. Graz, Mitt. Natw. Ver. Steierm., **39**, 1902, 1903, (101-121).

Ocenebra keepei n. sp. **Arnold**, R. (Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**) in Stanford University, Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Ocenebra lurida Midd. var. *cerritensis* n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci. **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia (subgenera *Chrysallida*, *Evalea*, *Oscilla* Dall and Bartsch) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Odostomia subgen. *Itara* Dall and Bartsch MSS. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Paludestrina nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Planorbis marginatus. **Reynell**, A. London, Proc. Malac. Soc., **5** (6), 1903, (344).

Pleurotoma (subgenera *Borsonia*, *Dolichotoma*, *Leucosyrinx*, *Spirotropsis*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pyramidula shimekii (Pils.) Shim. **Shimek**, B. Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist., **5**, 1901, (139-145).

Succinea schumacherii Andr. **Wüst**, E. Zs. Natw., Stuttgart, **75**, (1902), 1903, (312-324, mit 1 Taf.); **76**, 1903, (137).

Sycotypus. **Grabau**, A. W. Amer. Nat., Boston, Mass., **37**, 1903, (515-539).

Trophon (*Boretrophon*) nn. spp. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla (sub. genera *Lancea*, *Pyrgiscus*, *Pyrgolampros*, *Strioturbonilla*), Dall and Bartsch nn. spp. et n. var. **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Turbonilla Risso (Type, *Turbonilla typica*, Dall and Bartsch n. nom. = *Turbonilla plicatula* Risso, non *Turbo* (= *Turbonilla plicatulus* Brocchi). **Arnold**, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**] in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Diaurora n. nom. (= *Aurora* Simpson not Rog. not Sollas). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

Pseudomonotis. **Diener**, C. Centralbl. Min., Stuttgart, **1903**, (17-19).

Simpsonella n. nom. (= *Dalliella* Simpson, not Cossmann). **Cockerell**, T. D. A. Nautilus, Boston, Mass., **16**, 1903, (118).

2231.50 LOWER PALAEOZOIC.

Matheria brevis n. sp. **Whiteaves**, J. F. Geol. Mag., London, (Ser. 2), [4], **10**, 1903, (358-359, with fig.).

Mytilarca eduliformis n. sp. **Clarke**, J. M. and **Ruedemann**, R. Albany Univ., N.Y., Mem. St. Mus., No. **5**, 1903, (195, with pl.). 29.8 cm.

2231.55 UPPER PALAEOZOIC.

Amusium concentricum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **75**, 1903, (122).

Ariculopecten nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (93).

Cardiola pectinata n. sp. **Walther**, K. N. Jahrb. Min., Stuttgart, Beilagebd, **17**, 1903, (1-75, mit 4 Taf.).

Crenipecten semicircularis. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (113).

Edmondia bittneri n. sp. **Enderle**, J. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (43-109, mit 5 Taf.).

Eumierotis. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (46).

Eurydesma. **Boehm**, G. Centralbl. Min., Stuttgart, **1903**, (296-300).

Leiomyalina. **Boehm**, G. Centralbl. Min., Stuttgart, **1903**, (296-300).

Limatula scotica n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (36).

Nucula hanoverensis n. sp. **Kindle**, E. M. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **25**, **1900**, 1901, (529-758, with pl.).

Obliquipecten n. gen. *O. laevis* n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (114).

Palaeolima n. gen. et nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (38).

Prothyris truncata n. sp. **Cleland**, H. F. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **206**, 1903, (112, with pl.). 23.2 cm.

Pseudamusium concentrico-lineatum, *P. redesdalense* nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (109-111).

Pterinopecten. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (57).

Solenomorpha n. gen. **Cockerell**, T. D. A. Nature, London, **67**, 1903, (559).

Solenopsis [*Solenomorpha*] *major* n. sp. **Hind**, W. London, Q. J. Geol. Soc., **59**, 1903, (334-336, figs.).

Streblopteria ornata. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (50).

(κ-653)

Syncyclonema carboniferum n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., **57**, 1903, (120).

2231.65 TRIASSIC.

Ariculopecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Claraia n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

Daonella. **Tornquist**, A. N. Jahrb. Min., Stuttgart, **1903**, 2, (83-92, mit 1 Taf.).

Eumorphotis n. subgen. [von *Pseudomonotis*]. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

Mysidioptera dinarica n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Mysidioptera emiliae n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (59-66, mit 1 Taf.).

Pecten nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Posidonomya bosniaca n. sp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (495-643, mit 10 Taf.).

Pseudomonotis nn. spp. **Bittner**, A. Wien, Jahrb. Geol. RchsAnst., **50**, **1900**, 1901, (559-592, mit 3 Taf.).

2231.70 JURASSIC.

Arca tenuistriata n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol., OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Astarte uhligi n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

Aucella nn. spp. **Sokolov**, D. N. Moskva, Bull. Soc. Nat., **1902**, (371-379, mit 1 Taf.).

Avicula (*Leptodesma*) *valsoldae* n. form. **Bisstram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).

Chama minima n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (185-219, mit 4 Taf.).

- Dimyopsis emmerichi* n. nom.
Bistram, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).
- Gervillea dantzi* n. sp. **Menzel**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (41-49).
- Isoarca boehmi* n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Lima* nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Nuculina liasina* n. form. **Bistram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).
- Pecten* nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Pecten mülleri* n. sp. **Menzel**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (41-49).
- Piacunopsis strambergensis* n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Plicatula* nn. spp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Pseudomonotis bolgiensis* n. form. **Bistram**, A. Freiherr von. Freiburg i. B., Ber. natf. Ges., **13**, 1903, (116-214, mit 8 Taf.).
- Trigonia molengraaffi* n. sp. **Newton**, R. B. London, Proc. Malac. Soc., **5**, (6), 1903, (405).
- Trigonia* nn. spp. and *Trigonia smeei*, Sowerby. *T. tetricosa*, Krauss. **Kitchin**, F. L. Pal. Ind., Calcutta, (ser. 9), **3**, pt. 2, No. 1, 1903, (1-122, with 10 pls.).
- Vulsella moravica* n. sp. **Remeš**, M. Wien, Beitr. Pal. Geol. OestÜng., **15**, 1903, (185-219, mit 4 Taf.).
- Cardium (Granocardium) budaense*. *C. (Protoecardia) vaughani* nn. spp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).
- Chondrodonta*. **Douvillé**, H. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (314-318, av. fig. et pl.).
- **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (265-276, mit 1 Taf.).
- Corbula muschketowi* n. sp. **Böhm**, J. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (93-112, mit 1 Taf.).
- Ctenostreon ? poni* n. sp. **Broffi**, F. München, Abb. Ak. Wiss., math.-phys., Cl., **21**, 1902, (601-610, mit 1 Taf.).
- Exogyra clarki* n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).
- Exogyra reissi* n. sp. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd., **17**, 1903, (252-312, mit 3 Taf.).
- Gryphaea romanowskii* n. nom. (= *G. kaufmanni* Rom.). **Böhm**, J. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (93-112, mit 1 Taf.).
- Hippurites* n. sp. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, **1902**, 1903, (277-284, mit 1 Taf.).
- Hippurites (Pironaca) polystylus*. **Pethő**, G. Földt. Közl., Budapest, **33**, 1903, (17-21).
- Homomya austiniensis* n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).
- Inoceramus* nn. spp. **Petrascheck**, W. Wien, Geol. RchsAnst., **53**, **1903**, (153-168, mit 1 Taf.).
- Inoceramus laubei* n. sp. **Liebus**, A. Wien, Beitr. Pal. Geol. OestÜng., **14**, 1902, (113-130, mit 1 Taf.).
- Leda Futtereri* n. sp. **Böhm**, J. [In: K. Futterer, Durch Asien. Bd 3.] Berlin, 1903, (93-112, mit 1 Taf.).
- Lima shumardi* n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

2231.75 CRETACEOUS.

Limaea delanoüsi n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Neaera aegyptiaca n. sp. **Oppenheim**, P. München, SitzBer. Ak. Wiss., math.-physik. Cl., **32**, (1902), 1903, (435-456, mit 1 Taf.).

Ostrea. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (265-276, mit 1 Taf.).

Pecten (Neithea) cometa. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (200).

Pectunculus rauphani n. sp. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (224).

Pholadomya roemeri n. sp. **Shattuck**, G. B. Washington, D.C., Bull. Dept. Int., U. S. Geol. Surv., No. **205**, 1903, (9-36, with pl.).

Radiolites galensis n. sp. **Dacqué**, E. Palaeontographica, Stuttgart, **30**, 11, 1903, (337-392, mit 3 Taf.).

Sphaerulites. **Hilber**, V. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (277-284, mit 1 Taf.).

Trigonia nn. spp. et n. var. **Paulcke**, W. N. Jahrb. Min., Stuttgart, Beilagebd. **17**, 1903, (252-312, mit 3 Taf.).

Unio nn. spp. **Stanton**, T. W. Philadelphia, Pa., Proc. Amer. Phil. Soc., **42**, 1903, (188-199, with pl.).

——— **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (483-487, with 3 pls.). Separate. 24.5 cm.

Velopecten. **Woods**, H. London, Monogr. Palaeont. Soc., **57**, 1903, (219).

Vola. **Schubert**, R. J. Wien, Jahrb. Geol. RchsAnst., **52**, 1902, 1903, (265-276, mit 1 Taf.).

2231.80 CAENOZOIC.

Cardita exerecens n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98, with pl. xii).

Chione nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (99-102, with pl. xii).

Crassatellites nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (93-97, with pls. xiii-xiv).

Glycimeris halli n. sp. et nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (89-91, with pl. xiv).

Lithophagus latecaudatus n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88, with pl. xiv).

Lucina gunyungensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (98-99, with pl. xiv).

Mytilicardia kalimnae n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (97-8, with pl. xii).

Mytilus mooraboolensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (88-89, with pl. xiv).

Trigonia semiundulata Jenkins nn. varr. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (91-3, with pl. xv).

2231.85 LOWER CAENOZOIC (EOCENE, OLILOCENE).

Area nn. spp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Cardita aldrichi n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Cardita kutzeri n. sp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cardium nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cardium laeringense n. sp. **Dreger**, J. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (1904), (253-284, mit 3 Taf.).

Chama nn. spp. **Oppenheim**, P. Wien, Beitr. Pal. Geol. OstUng., **13**, 1901, (141-277, mit 9 Taf.).

Corbula laqueata n. sp. **Casey**, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

Corbula muschketovi n. sp. **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Crassatella kalitensis n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9
Taf.).

Cyrena quadrangularis n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Cytherea nn. spp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

Gastrochaena striatula n. sp. **Aldrich,**
T. H. Nautilus, Boston, Mass., **17**, 1903,
(19-20).

Glycimeris haeringensis n. sp.
Dreger, J. Wien, Jahrb. Geol. Rchs-
Anst., **53**, 1903, [1904], (253-284, mit 3
Taf.).

Gryphaea romanowskii n. nom.
(= *G. kaufmanni* Rom). **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Leda Futtereri n. sp. **Böhm, J.**
[In: K. Futterer, *Durch Asien*. Bd 3].
Berlin, 1903, (93-112, mit 1 Taf.).

Lima nn. spp. **Dreger, J.** Wien,
Jahrb. Geol. RchsAnst., **53**, 1903,
[1904], (253-284, mit 3 Taf.).

Loparia n. gen. *L. katzeri* n. sp.
Oppenheim, P. Wien, Beitr. Pal. Geol.
ÖstUng., **13**, 1901, (141-277, mit 9 Taf.).

Lucina nn. spp. **Casey, T. L.**
Philadelphia, Pa., Proc., Acad. Nat. Sci.,
55, 1903, (261-283).

Oppenheim, P. Wien,
Beitr. Pal. Geol. ÖstUng., **13**, 1901,
(141-277, mit 9 Taf.).

Nucula haeringensis n. sp. **Dreger, J.**
Wien, Jahrb. Geol. RchAnst., **53**, 1903,
[1904], (253-284, mit 3 Taf.).

Psammobia hoeferi n. sp. **Oppen-
heim, P.** Wien, Beitr. Pal. Geol. Öst-
Ung., **13**, 1901, (141-277, 9 Taf.).

Solenomya haeringensis n. sp.
Dreger, J. Wien, Jahrb. Geol. Rchs-
Anst., **53**, 1903 [1904], (253-284, mit 3
Taf.).

Spondylus redlichi n. sp. **Oppen-
heim, P.** Wien, Beitr. Pal. Geol. Öst-
Ung., **13**, 1901, (141-277, mit 9 Taf.).

Tellina gumbeli n. sp. **Dreger, J.**
Wien, Jahrb. Geol. RchsAnst., **53**, 1903
[1904], (253-284, mit 3 Taf.).

Tellina pilsbryi n. sp. **Casey, T. L.**
Philadelphia, Pa., Proc. Acad. Nat. Sci.,
55, 1903, (261-283).

Thracia nn. spp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

Venericardia vicksburgensis n. sp.
Casey, T. L. Philadelphia, Pa., Proc.
Acad. Nat. Sci., **55**, 1903, (261-283).

Venus prior n. sp. **Oppenheim, P.**
Wien, Beitr. Pal. Geol. ÖstUng., **13**,
1901, (141-277, mit 9 Taf.).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Pecten. **Blanckenhorn, M.** N. Jahrb.
Min., Stuttgart, Beilagebd **17**, 1903,
(163-186, mit 2 Taf.).

Pecten (Chlamys) jordani n. sp.
Arnold, R. [Reprinted from San Fran-
cisco, Mem. Cal. Acad. Sci., **3**], in Stan-
ford University, Cal., Leland Stanford
Jr. Univ., Hopkins Seaside Lab., Cont.
Biol., No. **31**, 1903, (1-420, with pl.).

2231.95 PLEISTOCENE AND RECENT.

Aligena cerritensis n. sp. **Arnold, R.**
[Reprinted from San Francisco, Mem.
Cal. Acad. Sci., **3**], in Stanford Univer-
sity, Cal., Leland Stanford Jr. Univ.,
Hopkins Seaside Lab., Cont. Biol.,
No. **31**, 1903, (1-420, with pl.).

Astarte (Crassinella) branneri n. sp.
Arnold, R. [Reprinted from San Fran-
cisco, Mem. Cal. Acad. Sci., **3**], in Stan-
ford University, Cal., Leland Stanford
Jr. Univ., Hopkins Seaside Lab., Cont.
Biol., No. **31**, 1903, (1-420, with pl.).

Callista subdiaphana Carpenter var.
pedroana n. var. **Arnold, R.** [Re-
printed from San Francisco, Mem. Cal.
Acad. Sci., **3**], in Stanford University,
Cal., Leland Stanford Jr. Univ.,
Hopkins Seaside Lab., Cont. Biol., No. **31**,
1903, (1-420, with pl.).

Corbicula fluminalis. Wüst, E. Zs. Natw. Stuttgart, **75**, (1902), 1903, (209-223).

Leda minuta Fabr. var. *praeursor* n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Pecten (Chlamys) nn. spp. et n. var. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University, Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

Semele pulchra Sowerby, *S. montereyi* n. sp. Arnold, R. [Reprinted from San Francisco, Mem. Cal. Acad. Sci., **3**], in Stanford University Cal., Leland Stanford Jr. Univ., Hopkins Seaside Lab., Cont. Biol., No. **31**, 1903, (1-420, with pl.).

SCAPHOPODA.

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Dentalium nn. spp. Casey, T. L. Philadelphia, Pa., Proc. Acad. Nat. Sci., **55**, 1903, (261-283).

2431 ARTHROPODA INCLUDING INSECTA.

2431.55 UPPER PALAEOZOIC.

Cheliphlebia extensa n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Dictyonura clarinervis n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Diceoneura maxima n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Eucanus nn. spp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Megablattina n. gen. *M. beecheri* n. sp. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (307-315, with 2 pls.).

Petromartus n. gen. *P. indistinctus* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

Protodictyon n. gen. *P. pulchripennis* n. sp. Melander, A. L. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (178-198, with pl.).

2431.95 PLEISTOCENE AND RECENT.

Erebia. Hormusaki, C. Freiherr von. D. ent. Zs. Iris, Berlin, **14** (1901), 1902, (353-380).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN ORIGIN.

Isophilina. Jones, T. R. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (300-304, fig.).

2631.50 LOWER PALAEOZOIC.

Beyrichia nn. spp. et nn. varr. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (109-113, with pl. xvi.).

Caryocaridae n. fam. *Rhinopterocaris* n. gen., *R. maccoyi* Etheridge fil. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (114-117, with pl. xviii.).

Caryocaris angusta n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113, with pl. xviii.).

Ceratiocaris (Limnocaris) praecedens. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. **54**, **1900**, **1**, 1902, (83-124, with pl.).

Emmelezoe decora n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. **54**, **1900**, **1**, 1902, (83-124, with pl.).

Ribeirella n. gen. [*Ribeiria sharpei* Barr. + *Ribeiria expandens* Barr.] Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Ribeiria nn. spp. Schubert, R. J. and Waagen, L. Wien, Jahrb. Geol. RchsAnst., **53**, 1903, (33-50, mit 1 Taf.).

Saccocaris tetragona n. sp. Chapman, F. Melbourne Proc. R. Soc. Vict., **15**, (N. Ser.), 1903, (113-4, with pl. xviii).

2631.55 UPPER PALAEOZOIC.

Belinurus bellulus. Baldwin, W. Manchester, Trans. Geol. Soc., **28** (8), 1903, (198-203, fig.).

Esteria ortonii n. sp. Clarke, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, 1900, 1, 1902, (83-124, with pl.).

2631.70 JURASSIC.

Palaeosphaeroma n. gen. *P. uhligi* n. sp. Remeš, M. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (43-44).

Sphaeroma strambergensae n. sp. Remeš, M. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (220, mit 1 Taf.).

2631.75 CRETACEOUS.

Glyphaea stokeni n. sp. Weller, S. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (413-412, with pl.).

Pontocypris ursulae n. sp. Egger, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (1-230, mit 27 Taf.).

Zanithopsis cretacea n. sp. Branner, J. C. Rochester, N.Y., Bull. Geol. Soc. Amer. **13**, 1902, (41-98, with 11 pl.).

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE)

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17**, (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math. natw. Ber. Ungarn, Leipzig **17**, (1899), 1901, (328-336, mit 1 Taf.).

Hoploparia groenlandica n. sp. Ravn, J. P. J. Kjöbenhavn, Medd. Grönl., **29**, 1903, (95-140, with 3 pls.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math. natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (28-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Andorina n. gen. *A. elegans* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Darányia n. gen. *D. granulata* n. sp. Lörenthey, E. Math.-natw. Ber. Ungarn, Leipzig, **17** (1899), 1901, (328-336, mit 1 Taf.).

Palaeomunida n. gen. *P. defecta* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Phlyctenodes steinmanni n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Ranina bittneri n. sp. Lörenthey, Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

Telphusograpsus n. gen. *T. laevis* n. sp. Lörenthey. Math.-natw. Ber. Ungarn, Leipzig, **18** (1900), 1903, (98-120, mit 2 Taf.).

2831.95 PLEISTOCENE AND RECENT.

Bythocythere laevigata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Cythere nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Eucythere lienenklausi n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Krithe nn. spp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Lozocconcha serrulata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pontocypris caudata n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

Pseudocythere spinosa n. sp. **Egger**, J. G. München, Abh. Ak. Wiss., math.-phys. Cl., **21**, 1902, (411-477, mit 8 Taf.).

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA, Etc.

2831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Griffithides (Phillipsia) tapajotensis n. sp. **Katzer**, F. Grundzüge der Geologie des unteren Amazonasgebietes (des Staats Pará in Brasilien). Leipzig (m. Weg), 1903, (111 + 298, mit 4 Portr., 1 Karte).

2831.50 LOWER PALAEOZOIC.

Agnostus elkedraensis n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

Agnostus girvanensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (4).

Ampyx drummockensis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (18).

Asaphus (Isotelus) insabilis n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (46).

Brachymetopus strzelecki McCoy. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (193-196, fig.).

Dionide richardsoni n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (26).

Lichas (Diceranopeltis) woodwardi n. sp. **Lichas (Corydocephalus) hirsutus** v. *tuberculatus* n. var. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (9).

Microdiscus significans n. sp. **Etheridge**, R. Contributions nos. 12 and 13 to the palaeontology of South Australia. Adelaide, 1902, (4, with pl.). 33 cm.

No'asaphus n. gen. *N. fergusoni* n. sp. **Gregory**, J. W. Melbourne, Proc. R. Soc. Vict., **15** (N. Ser.), 1903, (155-156, with pl. XXVI).

Pseudoniscus roosevelti n. sp. **Clarke**, J. M. Albany Univ., N.Y. Rep. St. Mus., No. 54, **1900**, **1**, 1902, (83-124, with pl.).

Remopleurides nn. spp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (27).

Shumardia scotica n. sp. **Reed**, F. R. C. London, Monogr., Palaeont. Soc., **57**, 1903, (42).

Teratorhynchus n. sub-gen. *T. bicornis* n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (33).

Trinucleus subradiatus n. sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **57**, 1903, (12).

2831.55 UPPER PALAEOZOIC.

Acidaspis whitfieldi n. sp. **Hitchcock**, C. H. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (97-98, with 1 pl.). Separate 24.5 cm.

Homalonotus barratti n. sp. **Woodward**, H. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (28).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Anthracosiro fritschii. n.g. n.sp.
Pocock, R. I. Geol. Mag., London, (Ser. 2), [4] 10, 1903, 407, fig.).

Anthracosiro woodwardi. Pocock,
R. I. Geol. Mag., London, (Ser. 2),
[4] 10, 1903, (247, fig.).

Hadrachne n. gen. *H. horribilis* n. sp.
Melander, A. L. Chicago, Ill., J. Geol.
Univ. Chic., 11, 1903, 178-198, with pl.).

Kustarachne nn. spp. Melander,
A. L. Chicago, Ill., J. Geol. Univ.
Chic., 11, 1903, (178-198, with pl.).

5431 PISCES.

5431.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

Coccosteus. Jaekel, O. Berlin, Sitz-
Ber. Ges. natf. Freunde, 1902, (103-115,
mit 1 Taf.).

Edestus. Van de Wiele, C. Aperçu
sur les vestiges fossiles d'Edestides et
le nouveau genre *Helicoprion* A. Kar-
pinsky. Bruxelles (Hayez), 1903, (4,
av. fig.).

Woodward, A. S. Note
sur Edestides. Bruxelles (Hayez), 1903,
(4, av. fig.).

Helicoprion n. gen. Van de Wiele, C.
Aperçu sur les vestiges fossiles d'Edes-
tides et le nouveau genre *Helicoprion*
A. Karpinsky. Bruxelles (Hayez), 1903,
(4, av. fig.).

Van de Wiele, C. Résumé
du mémoire descriptif de M. A. Kar-
pinsky sur *Helicoprion* . . . Bruxelles
(Hayez), 1903, (15, av. fig. et 1 pl.).

Van de Wiele, Van den
Broeck, Simoens et Woodward, A. S.
Discussion sur *Helicoprion* à la Société
belge de géologie, de paléontologie et
d'hydrologie . . . Bruxelles (Hayez),
1903, (33, av. fig. et 1 pl.).

Woodward, A. S. Note
sur . . . Bruxelles (Hayez), 1903, (4,
av. fig.).

Helicoprion bessonovi (Karpinsky).
Simoens, G. Note sur . . . Bruxelles
(Hayez), 1903, 9, av. fig.).

5431.55 UPPER PALAEOZOIC.

Acrolepis molyneuxi n. sp. Wood-
ward, A. S. London, Q. J. Geol. Soc.,
50, 1903, (285-286, pl.).

Coccosteus angustus n. sp. Traquair,
R. H. London, Rep. Brit. Ass., 1902
(1903), 610).

Dinichthys. Sharp, K. D. Amer.
Inv., Washington, D.C., 10, 1903, (263).

Gemündina n. gen. Traquair, R. H.
London, Rep. Brit. Ass., 1902 (1903),
(610).

Gemündina sturtzi n. sp. Traquair,
R. H. London, Rep. Brit. Ass., 1902
(1903), (610).

Gyracanthides. Woodward, A. S.
Geol. Mag., London, (Ser. 2), [4] 10,
1903, (512).

Listracanthus wardi. Woodward, A. S.
Geol. Mag., London, (ser. 2), [4] 10,
1903, (487).

Palaeospondylus gunni, Traquair.
Sollas, W. J. and Sollas, I. B. J. Lon-
don, Proc. R. Soc., 72, 1903, (98-99);
London, Phil. Trans. R. Soc., 196 B,
1903, (267-294, pls.).

Phlyctaenaspis germanica n. sp. [nn.]
Traquair, R. H. London, Rep. Brit.
Ass., 1902 (1903), (610).

Pteraspis. Dollo, L. Paris, C.-R.
Acad. Sci., 136, 1903, (699-700).

Fox, H. Geol. Mag., Lon-
don, (ser. 2), [4] 10, 1903, (93).

Gosselet, J. Paris, C.-R.
Acad. sci., 136, 1903, (540).

Ramphodus n. gen. *R. tetradon* n. sp.
Jaekel, O. Berlin, Sitzber. Ges. natf.
Freunde, 1903, (383-393).

Sagenodus pertenuis n. sp. Eastman,
C. R. Amer. Nat., Boston, Mass., 37,
1903, (493-495).

Tremataspis. Patten, W. Amer.
Nat., Boston, Mass., 37, 1903, (223-242,
with pl.).

5431.85 TRIASSIC.

Coelacanthus lunzensis. **Reis**, O. M. Wien, Jahrb. Geol. Reichsanst., **50**, 1900, 1901, (187-192, mit 2 Taf.).

Saurichthys nn. spp. **Philippi**, E. **Jaakel**, O. **Volz**, W. u. **Frech**, F. [In *Lethaea geognostica*, Tl 2, H. 1, Lfg 1.] Stuttgart, 1903, (9-21, mit Taf.).

5431.75 CRETACEOUS.

Acerognathus dodgei n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Aipichthys formosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillavidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Anguillarus n. gen. et nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Coccodus insignis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Ctenothrissa signifer n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Dercetia nn. spp. **Woodward**, A. S. London, Monogr. Palaeont. Soc., **57**, 1903, (65).

Encheliidae n. fam. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchelion n. gen. *E. montium* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Enchodus sacvus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Eubiodectes n. gen. (Type *Chirocentrites libanicus* Pict. and Humb.) **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Leptotrachelus serpentinus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Microcoelia dayi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Osmicroides nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Protosphyraena sequax n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, 1-95, with pl.). Separate. 24.5 cm.

Pycnosterinx levispinosus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Raja uchitfieldi n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinellus delicatus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Rhinobatus cretes n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Sardinus? imbellis n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (1-95, with pl.). Separate. 24.5 cm.

Sclerorhynchus nn. spp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Stenoprotome n. gen. *S. hamata* n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

Urenchelys. **Woodward**, A. S. Ann. Mag. Nat. Hist., London, [7] **12**, 1903, (254, 255).

Urenchelys germanus n. sp. **Hay**, O. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (395-452, with 13 pls.).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Ancistrodon splendens. **Levi**, C. Padova, Atti Soc. ven. trent., (Ser. 2), **4**, [1900-1902], 1902, (33-36).

Carcharodon. **Storms**, R. Bruxelles, Bul. Soc. geol., paléont., hydr., **1901**, (259-267); Bruxelles (Hayez), 1901, (10, av. 1 pl.).

Ginglymostoma blanchenhorni n. sp.
Stromer, E. N. Jahrb. Min., Stuttgart,
1903, **1**, (29-41, mit 1 Taf.).

Pleuroptyx. **Udden**, J. A. Des
Moines, Proc. Iowa Acad. Sci., **9**, **1901**,
1902, (121).

Zatrachys crucifer n. sp. **Cass**, E. C.
Chicago, Ill., J. Geol. Univ. Chic. **11**,
1903, (394-402).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Ceraterpeton. **Jaskel**, O. N. Jahrb.
Min., Stuttgart, **1903**, **1**, (109-134, mit 4
Taf.).

Diceratosaurus n. gen. **Jaskel**, O.
N. Jahrb. Min., Stuttgart, **1903**, **1**, (109-
134, mit 4 Taf.).

Diplocaulus. **Jaskel**, O. N. Jahrb.
Min., Stuttgart, **1903**, **1**, (109-134, mit 4
Taf.).

Ichthyosaurus. **Woodward**, A. S.
London, Brit. Ass. Geol. Phot., **2**, **1903**,
(2126).

Pariasaurus serridens. **Broom**, R.
Cape Town, Ann. S. Afr. Mus., **4**, **1903**,
(123-138, with 2 pls. XV-XVI).

Procolophon. **Broom**, R. Graham's
Town, Cape Colony, Rec. Alb. Mus., **1**,
1903, (8-24, with pl. 1 and figs. 4-6).

Scylacosaurus sclateri. **Broom**, R.
Geol. Mag., London, (ser. 2), [4] **10**, **1903**,
(343, fig.).

Segoceras. **Nopcsa**, F. Baron, jun.
Centralbl. Min., Stuttgart, **1903**, (266-
267).

Stereocephalus. **Nopcsa**, F. Baron,
jun. Centralbl. Min., Stuttgart, **1903**,
(266-267).

Telmatosaurus n. nom. = *Limnosau-
rus* (Nopcsa). **Nopcsa**, F. Baron, jun.
Centralbl. Min., Stuttgart, **1903**, (54).

5631.55 UPPER PALAEOZOIC.

Deuterosaurus sczeleyi n. sp.? **Nopcsa**,
F. Baron, jun. Wien, Peitr. Pal. Geol.
ÖstUng., **14**, **1902**, (185-191, mit 1
Taf.).

Embolophorus dollovi Cope.
Case, E. C. Chicago, Ill., J. Geol.
Univ. Chic., **11**, **1903**, (1-28, with pl.).

5631.65 TRIASSIC.

Batrachosuchus browni n. sp. **Broom**,
R. Geol. Mag., London, (Ser. 2), [4] **10**,
1903, (499).

Ekbainacanthus tschernyschevi n. g. n.
sp. **Jakovlev**, N. St. Petersburg, Verh.
Russ. mineral. Ges., **40**, (179-202, with
pl.).

Iciodosaurus n. gen. *I. angusticeps*
n. sp. **Broom**, R. Cape Town, Ann. S.
Afric. Mus., **4**, **1903**, (151).

Leptocheirus n. gen. *L. zitteli* n. sp.
Merriam, J. C. Berkeley, Univ. Cal.,
Bull. Dept. Geol., **3**, **1903**, (249-263,
with pl.).

Lycosuchus mackayi n. sp. **Broom**,
R. Cape Town, Ann. S. Afric. Mus., **4**,
1903, (154).

Lystrosaurus. **Broom**, R. Cape
Town, Ann. S. Afric. Mus., **4**, **1903**,
(139-141, with 1 fig.); Graham's Town,
Cape Colony, Rec. Alb. Mus., **1**, **1903**,
(3-8, with pl. 1 and fig. 3).

Mirosaurus. **Reposi**, F. Milano,
Atti Soc. ital. sc. nat., **41**, **1902**, (361-
372, con tav.).

Paliguana n. gen. *P. whitei* n. sp.
Broom, R. Graham's Town, Cape
Colony, Rec. Alb. Mus., **1**, **1903**, (1, with
pl. 1 and figs. 1-2).

Pronesticosaurus n. gen. et nn. spp.
Volz, W. Palaeontographica, Stuttgart,
49, **1902**, (121-162, mit 2 Taf.).

Protesuchus fergusi n. sp. **Broom**, R.
Cape Town, Ann. S. Afric. Mus., **4**, **1903**,
(159, pl. XIX).

Scylacosaurus n. gen. *S. sclateri* n. sp.
Broom, R. Cape Town, Ann. S. Afric.
Mus., **4**, **1903**, (147, pl. XVII, figs. 1, 2,
3 and 5).

Scymnosaurus n. gen. *S. ferox* n. sp.
Broom, R. Cape Town, Ann. S. Afric.
Mus., **4**, **1903**, (152).

Stactosaurus nn. spp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1902, (63-108, with 12 pls.). Separate. 27 cm.

Therocephalia n. order. **Broom**, R. On the affinities of the primitive Theriodonts. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (154).

Titanosuchus. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (144-146).

Titanosuchus cloetei n. sp. **Broom**, R. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (142).

Toretornemus n. gen. *T. californicus* n. sp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (249-263, with pl.).

5631.70 JURASSIC.

Astrodon. **Hatcher**, J. B. Pittsburgh, Pa., Ann. Carnegie Mus., **2**, 1903, (9-14).

Lappanodon marshi n. sp. **Knight**, W. C. Amer. J. Sci., New Haven, Conn., (Ser. 4), **16**, 1903, (76-81).

Brachiosaurus n. gen. *B. altithorax* n. sp. **Biggs**, E. S. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (299-306).

Bronosaurus. **Biggs**, E. S. Science, New York, N.Y., (N. Ser.), **17**, 1903, (393-394).

Compsognathus. **Nopcsa**, F. Baron, jun. N. Jahrb. Min., Stuttgart, Beilagebd **16**, 1903, (476-494, mit 2 Taf.).

Creosaurus. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (697-701, with pl.). Separate. 24.5 cm.

Diplodocus. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (72-75, with pl.).

Diplodocus carnegii n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **4**, 1901, (1-63, with pl.).

Haplocanthosaurus utterbacki n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1903, (1-72, with pl.).

Haplocanthus n. gen. *H. priscus* n. sp. Colorado. **Hatcher**, J. B. Washington, D.C. Proc. Biol. Soc., **16**, 1903, (1-2). Separate. 24.7 cm.

Ichthyosaurus acutirostris? **Coy**, F. Northampton, J. Nat. Hist. Soc., **11**, (91), 1902, (248).

Ornitholestes n. gen. *O. hermanni* n. sp. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (459-464, with pl.). Separate. 24.5 cm.

5631.75 CRETACEOUS.

Acteosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Adriosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Aigialosaurus. **Gorjanovic-Kramberger**, K. D. Wien, Verh. Geol. Rchs.-Anst., **1901**, (271-272).

——— **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Brachanchenius lucasi n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect. Q. Issue, **45**, 1903, (96, with pl.).

Carsosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Claosaurus ? *affinis* n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (211-216).

Dolichosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstUng., **15**, 1903, (31-42, mit 2 Taf.).

Iguanodon. **De Pauw**, L. F. Notes sur les fouilles du charbonnage de Bernissart. Découverte . . . des Iguanodons. Bruxelles (Jumpezt), 1902, (25, fig. et pl. hors texte). 8vo.

——— **Van den Broeck**, E. Nouvelles observations relatives au gisement des Iguanodons de Bernissart. Anvers . . . Bruxelles (Hayez), 1902, (20). 1 fr. 8vo.

——— **Van Ertborn**, O. . . les Iguanodons de Bernissart. Anvers (J. E. Buschmann), 1902, (8, av. fig.).

Iguanodon bernissartensis. **De Pauw**, L. F. Contribution à l'étude de l'*Iguanodon bernissartensis*. Mons (Dequesne-Masquillier et fils), 1902, (14, av. 6 pls. hors texte).

Mesoleptos? **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstÜng., **15**, 1903, (31-42, mit 2 Taf.).

Neustosaurus Raspail. **Nopcsa**, F. Baron, jun. Centralbl. Min., Stuttgart, 1903, (504-505).

Opetiosaurus. **Gorjanović - Kramberger**, K. D. Wien, Verh. Geol. Rchs Anst., **1901**, (271-272).

——— **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstÜng., **15**, 1903, (31-42, mit 2 Taf.).

Opetiosaurus n. gen. *O. buccichi* n. sp. **Kornhuber**, A. Wien. Abh. Geol. RchsAnst., **17**, Heft 5, 1901, (24, mit 3 Taf.).

——— **Kornhuber**, A. Wien, Verh. Geol. RchsAnst., **1901**, (147-153).

Pontosaurus. **Nopcsa**, F. Baron, jun. Wien, Beitr. Pal. Geol. OstÜng., **15**, 1903, 31-42, mit 2 Taf.).

Pteranodon. **Eaton**, G. F. Amer. J. Sci., New Haven. Conn., (Ser. 4), **16**, 1903, (82-86, with 2 pls.).

Triceratops. **Beasley**, W. L. Sci. Amer., New York, N. Y., **89**, 1903, (87).

Triceratops serratus. **Lull**, R. S. New York, N. Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (685-695, with 1 pl.). Separate, 24.5 cm.

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Castresia n. gen. *C. munieri* n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **21**, 1902, (389-397, con tav.).

Crocodylus. **Squinabol**, S. Venezia, Atti Ist. ven., (Ser. 8), **4**, 1902, (183-187, con tav.).

Euclastes douvillei. **Stefano (De)**, G. Sui cheloniani fossili conservati nella Scuola superiore delle Miniere di Parigi. Nota prima. L'*Euclastes douvillei*, De Stefano, dell' Eocene inferiore dell' Africa settentrionale. Reggio Calabria (tip. Morello), **1902**, (1-13, con 1 tav.). 32 cm.

Euclastes? *kochi* n. sp. **Lörenthey**, T. Földt. Közl., Budapest, **33**, 1903, (193-208, 246-266, mit Taf. V-VI.).

Pelomedusa nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. **Andrews**, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), **11**, 1903, (120).

——— **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stereogenys nn. spp. **Andrews**, C. W. Ann. Mag. Nat. Hist., London, (Ser. 7), **11**, 1903, (115).

Stereogenys podocnemoides n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Sternotherus devitziensis n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Trionyx nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

——— **Rutot**, A. Quelques découvertes paléontologiques nouvelles. II. Découverte d'une tortue du genre *Trionyx* . . . Bruxelles (Hayez), 1903, (10).

——— *clavatomarginatus* n. sp. **Lörenthey**, T. Földt. Közl., Budapest, **33**, 1903, (193-208, 249-266, mit Taf. V-VI).

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Clemmys hesperia, *C. saxea* nn. spp. **Hay**, O. P. Two new species of Fossil Turtles from Oregon. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (237-241).

Palaeobatrachus. **Laube**, G. C. Prag, SitzBer. Lotos, **51**, 1903, (106-114).

Pelomedusa nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.).

Podocnemis nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges. **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stereogenys podocnemoides n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Sternotherus deutizianus n. sp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

Stylomys bottii n. form. **Stefano** (De), G. Riv. Ital. paleont., Bologna, **8**, 1902, (72-74, con tav.).

Stylomys calaverensis n. sp. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (243-248).

Trionyx nn. spp. **Reinach**, A. von. Frankfurt a. M., Abh. Senckenb. Ges., **29**, 1903, (1-64, mit 17 Taf.); Zool. Anz., Leipzig, **26**, 1903, (459-463).

5631 AVES.

5631.75 CRETACEOUS.

Hesperornis. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Misc. Collect., (Q. Issue), **45**, 1903, (95, with pl.). Separate. 24.5 cm.

5631.80 CAENOZOIC.

Mancana n. gen. *M. californiensis* n. sp. **Lucas**, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **24**, 1901, (133-134). Separate. 24.5 cm.

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Struthio karatheodori. **Martin**, R. London, Proc. Zool. Soc., **1903**, (203-210).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Elephas. **Lydekker**, R. Knowledge. London, **26**, 1903, (169-172, figs.).

Elephas africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (339).

Elephas primigenius. **Eabot**, C. Globe illustré, Bruxelles, **1902**, (277).

Karoomys browni, **Brooms**, R. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (345, fig.).

Lemur. **Smith**, G. E. London, Trans. Linn. Soc. (Zool.), **8** (10), 1903, (319-432).

Lophiodon. **Boule**, M. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (324).

——— **Depéret**, C. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (323-324, 344-345).

——— **Gaudry**, A. Paris, Bul. soc. géol., (sér. 4), **2**, 1902, (344).

Mastodon angustidens. **Andrews**, C. W. London, Rep. Brit. Ass., **1902**, (1903), (654).

Megalohyrax eocaenus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (340, fig.).

Pterodon africanus. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [4] **10**, 1903, (341 fig.).

6031.75 CRETACEOUS.

Eucinepeltus complicatus n. sp. **Brown**, B. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (453-457, with pl.). Separate. 24.5 cm. [*Edentata*].

6031.80 MESOZOIC (SECONDARY).

Delphinopsis freyeri Müll. **Abel**, O. Wien, Beitr. Pal. Geol. OstÜng., **13**, 1901, (297-317, mit 2 Taf.).

Equus. **Beasley**, W. F. Sci. Amer., New York, N.Y., **88**, 1903, (451-452).

**6031.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).**

Agriochærus nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Anchilophus desmaresti. **Weinberg, R.** Zs. wiss. Zool., Leipzig, **74**, 1903, (490-500, mit 1 Taf.).

Apternodus n. gen. *A. mediaevus* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Arctotherium n. gen. *A. acridens* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Arsinoitherium. **Geol. Mag., London**, (Ser. 2), [4], **10**, 1903, (529).

——— **Lankester, E. Ray.** Paris, C.-R. Acad. sci., **136**, 1903, (802).

Arsinoitherium andreusi. **Lankester, E. Ray.** [In an anonymous paper.] **Geol. Mag., London**, (Ser. 2) [4], **10**, 1903, (531).

Bathygenys n. gen. *B. alpha* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Bunaelurus infelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Colodon cingulatus n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cylindrodon n. gen. *C. fontis* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Cymodictis paterculus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Elephas antiquus. **Rutot, A.** Quelques découvertes paléontologiques nouvelles. I. Découverte d'une molaire d'*Elephas antiquus*. . . . Bruxelles (Hayez), 1903, (10).

Eucrotaphus helenae n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Eumys minor n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Hyænodon nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops acutidens n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Ictops thomsoni n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Ichthyromys veterior n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Leptotragulus profectus n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Limnecetes n. gen. et nn. spp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Lophiodon. **Omboni, G.** Venezia, Atti Ist. ven., (Ser. 8, 4), **61**, 1902, (189-192, con tav.).

Micropternodus n. gen. *M. borealis* n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Oreodon robustum n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Pachyhyaena gigantea. **Boule, M.** Nature, Paris, **30**, (2^e Semestre), 1902, (401-402).

Palæolagus brachyodon n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

——— *temnodon* n. sp. **Douglass, E.** Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Peratherium titanelix n. sp. **Matthew, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Proamphicyon n. gen. *P. nebrascensis* n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1902, (65-108, with pl.).

Prosciurus n. subgen. (of *Sciurus*). **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Protemnocyon n. gen. *P. inflatus* n. sp. **Hatcher**, J. B. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1902, (65-108, with pl.).

Proteriz n. gen. *P. loomisi* n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (227-229). Separate. 24.5 cm.

Sciurus jeffersoni n. sp. **Douglass**, E. Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Sciurus (Prosciurus) vetustus n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Stenocfiber. **Laube**, G. C. Wien, Verh. Geol. RchsAnst., **1901**, (283-284).

nn. spp. **Douglass**, E. Philadelphia, Pa., Trans. Amer. Phil. Soc., (N. Ser.), **20**, 1902, (237-279, with pl.).

Stibarus montanus n. sp. **Matthew**, W. D. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (197-226). Separate. 24.5 cm.

Zeuglodon. **Stromer**, E. von. Wien, Beitr. Pal. Geol. OestUng., **15**, 1903, (65-101, mit 4 Taf.).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aceratherium bavaricum n. sp. **Stromer von Reichenbach**, E. Geogr. Jahreshfte, München, **15** (1902), 1903, (56-63, mit 1 Taf.).

Aleicephalus sinensis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Architherium zitteli n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

(K-653)

Anthropus. **Schlosser**, M. Centralbl. Min. Stuttgart, **1903**, (512-513).

Balaena etrusca. **Capellini**, G. Bologna, Mem. Acc. sc., (Ser. 5), **9**, 1902, (759-778, con 3 tav.).

Cervatus n. gen. et nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dioplolem. **Ugolini**, R. Pisa, Mem. Soc. tosc. sc. nat., **18**, 1902, (10-15).

Dipoides majori n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dryopithecus darwini n. sp. **Abel**, O. Wien, Sitzber. Ak. Wiss., **111**, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, **1903**, (176-182).

Elephas primigenius. **Portis**, A. Roma, Boll. Soc. geol. ital., **21**, 1902, (93-114, con tav.).

Gazella nn. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Griphopithecus n. gen. *G. suessi* n. sp. **Abel**, O. Wien, Sitzber. Ak. Wiss., **111**, 1902, Abtheilung I, (1171-1207, mit 1 Taf.); Centralbl. Min., Stuttgart, **1903**, (176-182).

Homo. **Alsborg**, M. Verh. Ges. D. Natf., Leipzig, **74** (1902), II, 1, 1903, (175-176).

Hyaena gigantea n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Leptopsectis filholi [*Herpestes filholi*, Gaillard.]. **Major**, C. I. F. Geol. Mag., London, (ser. 2), [4] **10**, 1903, (536).

Lophiodon sardus n. sp. **Bosco**, C. Roma, Rend. Acc. Lincei, (Ser. V), **11**, 1902, 2° Sem., (178-182, con fig.).

Lutra brachygnathus n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Machairodus horribilis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

L

Mastodon. **Clarke, J. M.** Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (921-933, with pl.).

Mastodon lydekkeri n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Meles taxipater n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Monachus albiventer. **Ugolini, R.** Paleontogr. Italica, Pisa, 8, 1902, (1-20, con 3 tav., con 1 fig.); Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (87-88).

Mylogaulodon n. gen. *M. angulatus* n. sp. **Sinclair, W. J.** Amer. J. Sci., New Haven, Conn., (Ser. 4), 15, (143-144).

Neohipparion n. gen. *N. whitneyi* n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (465-476). Separate. 24.5 cm.

Neopithecus. **Schlosser, M.** Centralbl. Min., Stuttgart, 1903, (512-513).

Neopithecus n. nom. = *Anthropodus* Schlosser. **Abel, O.** Centralbl. Min., Stuttgart, 1903, (176-182).

Ocap'a. **Boule, M.** Autun, Bul. soc. sci. nat., 15, 1902, (Proc.-verb., 191-194).

Palaeorvus sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paraboselaphus n. gen. *P. ameghinii* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paramylodon n. gen. *P. nebrascensis* n. sp. **Brown, B.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, 569-584, with 2 pls.). Separate. 24.5 cm.

Platygomus texanus n. sp. **Gidley, J. W.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., 19, 1903, (477-481). Separate. 24.5 cm.

Plesiadax depereti n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Progenetta certa n. sp. **Major, C. I. F.** Geol. Mag., London, (ser. 2), [4] 10, 1903, (534).

Protetracerus n. gen. *P. gaudryi* n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Strepsicerus nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Sus erimanthius. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (27-29).

Tragoceros nn. spp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Trochiarion albancense n. g. n. sp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] 10, 1903, (536).

Trochietis nn. spp. **Major, C. I. F.** Geol. Mag., London, (Ser. 2), [4] 10, 1903, (537).

Ursus spelaeus. **Ugolini, R.** Pisa, Proc. verb. Soc. tosc. sc. nat., 13, 1902, (26-27).

Vulpes sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

6031.95 *PLEISTOCENE AND RECENT.*

Alecs machlis. **Newton, E. T.** London, Q. J. Geol. Soc., 59, 1903, (80-90).

Aleicephalus sinensis n. sp. **Schlosser, M.** München, Abh. Ak. Wiss., math.-phys. Cl., 22, Abt. 1, 1903, (1-221, mit 14 Taf.).

Anchitherium zitteli n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Bos primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (6, 7).

Cariacus. **Smallwood**, W. M. Science, New York, N.Y., (N. Ser.), **18**, 1903, (26-27).

Castor. **Bosco**, C. Roma, Rend. Acc. Lincei, (Ser. 5), **11**, 1902, 2° Sem., (367-371, con fig.).

Cervurus n. gen. et un. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Dipoides majori n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Elephas. **Knight**, W. C. Science, New York, N.Y., (N. Ser.), **17**, 1903, (828-829).

Elephas columbi. **Sternberg**, C. H. Science, New York, N.Y., (N. Ser.), **17**, 1903, (511-512).

Elephas cypriotes n. sp. **Bate**, D. M. A. London, Proc. R. Soc., **71**, 1903, (500).

Elephas primigenius. **Sheppard**, T. Hull. Mus. Publ., **15**, 1903, (8-10, fig.).

Equus. **Munro**, R. Edinburgh, Proc. R. Physic. Soc., **15**, 1903, (70-101).

Gazella un. spp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Genetta plexictoides n. sp. **Bate**, D. M. A. London, Proc. Zool. Soc., **1903**, II, (1) 1903, (121).

Glyptotherium n. gen. *G. texanum* n. sp. **Osborn**, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **19**, 1903, (491-494, with 1 pl.). Separate. 24.5 cm.

Homo. **Alsberg**, M. Verh. Ges. D. Natf., Leipzig, **74** (1902), II, 1, 1903, (175-176).

— **Penck**, A. Arch. Anthr., Braunschweig, **29**, 1903, (78-90).

Hyaena gigantea n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Hyaenognathus n. gen. et un. spp. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **3**, 1903, (277-290, with 3 pls.). Separate. 26.8 cm.

Hypogeomys australis n. sp. **Granddier**, G. Bul. Muséum, Paris, **1903**, (13-15, av. fig.).

Lutra brachygnathus n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Machairodus horribilis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Marmot. **Delheid**, E. Une marmotte préquaternaire. Bruxelles, 1900, (3). 8vo.

Mastodon. **Clarke**, J. M. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (921-933, with pl.).

Mastodon lydekkeri n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Meles taxipater n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Ovis manhardi n. form. **Toula**, F. Wien, Jahrb. Geol. Reichsanst., **53**, 1903, (51-64, mit 1 Taf.).

Palaeoroeas ? sinensis n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paraboselaphus n. gen. *P. ameghinoi* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Paracamelus n. gen. *P. gigas* n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Pithecanthropus. **Bougon**. Naturaliste, Paris, (sér. 2), **24**, 1902, (103).

Platygonyx compressus. **Wagner**, G. Chicago, Ill., J. Geol. Univ. Chic., **11**, 1903, (777-782).

Plesindilax depereti n. sp. **Schlosser**, M. München, Abh. Ak. Wiss., math.-phys. Cl., **22**, Abt. 1, 1903, (1-221, mit 14 Taf.).

Protetraceros n. gen. *P. gaudryi* n. sp.
Schlosser, M. München, Abh. Ak.
 Wiss., math.-phys. Cl., **22**, Abt. 1, 1903,
 (1-221, mit 14 Taf.).

Pseudobos n. gen. et nn. spp.
Schlosser, M. München, Abh. Ak.
 Wiss., math.-phys. Cl., **22**, Abt. 1, 1903,
 (1-221, mit 14 Taf.).

Rhinoceros nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Rhinoceros hundsheimensis n. form.
Toula, F. Wien, Verh. Geol. RchsAnst.,
1901, (309-311); Wien, Abh. Geol.
 RchsAnst., **19**, Heft 1, 1902, (92, mit 12
 Taf.).

Spalax fritschi n. sp. **Nehring**, A.
 Berlin, SitzBer. Ges. natf. Freunde,
1902, (77-85).

Strepsiceros nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Sus nn. spp. **Schlosser**, M. München,
 Abh. Ak. Wiss., math.-phys. Cl., **22**,
 Abt. 1, 1903, (1-221, mit 14 Taf.).

Tragoceros nn. spp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

Ursus. **Smallwood**, W. M. Science,
 New York, N.Y., (N. Ser.), **18**, 1903,
 (26-27).

Ursus spelaeus. **Flores**, E. Riv. ital.
 paleont., Bologna, **8**, 1902, (26-27, con
 fig.).

Vulpes sinensis n. sp. **Schlosser**, M.
 München, Abh. Ak. Wiss., math.-phys.
 Cl., **22**, Abt. 1, 1903, (1-221, mit 14
 Taf.).

LIST OF NEW GENERA AND SPECIES.

0131 FOSSILS OF DOUBTFUL
AFFINITY OR ORIGIN.RHIZOKORALLIUM *hildesiense*. Menzel, H.

0431 PROTOZOA.

AMMOFRONDICULARIA n. gen. [Foraminifera].
Schubert, R. J. 1874.—— *angusta*. Schubert, R. J. 1874.

BIFARINA [Foraminifera].

—— *semibaruli*. Liebus, A. and Schubert, R. J. 1688.

BOLIVINA [Foraminifera].

—— *raccki*. Schubert, R. J. 1874.

CALCARINA [Foraminifera].

—— *rotula*. Egger, J. G. 1503.

CRISTELLARIA [Foraminifera].

—— *barbata*. Egger, J. G. 1503.

CYCLAMMINA [Foraminifera].

—— *le-beli*. Hermann, A. 1597.—— *uhligi*. Schubert, R. J. 1874.

DIMORPHINA [Foraminifera].

—— *cylindroides*. Liebus, A. and Schubert, R. J. 1688.—— *minuta*. Egger, J. G. 1503.—— *ursulae*. Egger, J. G. 1503.—— *variabilis*. Liebus, A. and Schubert, R. J. 1688.

FLABELLINELLA [Foraminifera].

—— *praemucronata*. Liebus, A. and Schubert, R. J. 1688.

FRONDICULARIA [Foraminifera].

—— *stachei*. Liebus, A. and Schubert, R. J. 1688.—— *zitteliana*. Egger, J. G. 1503.

FUSULINA [Foraminifera].

—— *alternans*. Schellwien, E. 1866.

GAUDRYINA [Foraminifera].

—— *minima*. Egger, J. G. 1503.

GÜMBELINA n. gen. Egger, J. G. 1503.

—— *acervulinoides*. Egger, J. G. 1503.—— *fructicosa*. Egger, J. G. 1503.—— *lata*. Egger, J. G. 1503.

HAPLOPHRAGMUM [Foraminifera].

—— *petiolus*. Egger, J. G. 1503.—— *silex*. Egger, J. G. 1503.—— *spinulosum*. Egger, J. G. 1503.—— *trifolium*. Egger, J. G. 1503.

HYPERAMMINA [Foraminifera].

—— *pellucida*. Schubert, R. J. 1874.

NODOSARIA [Foraminifera].

—— *longispina*. Egger, J. G. 1503.—— *orthophragma*. Egger, J. G. 1503.

- NUDECUARIA [Foraminifera].
 ——— *caespitosa* n. form. Steinmann, G. 1947.
- PAVONINA [Foraminifera].
 ——— *agglutinans*. Schubert, R. J. 1874.
- PLACOPSILINA [Foraminifera].
 ——— *bulbata*. Egger, J. G. 1503.
- PLANISPIRINA [Foraminifera].
 ——— *agglutinans*. Egger, J. G. 1503.
- PROROPHOBUS [Foraminifera].
 ——— *subquadrilaterus*. Liebus, A. and Schubert, R. J. 1688.
 ——— *surgens*. Egger, J. G. 1503.
- SPIROLOCULINA [Foraminifera].
 ——— *waageni*. Liebus, A. and Schubert, R. J. 1688.
- SPIROPLECTA [Foraminifera].
 ——— *gracilis*. Egger, J. G. 1503.
 ——— *robusta*. Egger, J. G. 1503.
- THURAMMINA [Foraminifera].
 ——— *splendens*. Egger, J. G. 1503.
- TRACHELOMONAS [Protozoa].
 ——— *minor*. Palmer, T. C. 1773.
 ——— *spiculifera*. Palmer, T. C. 1773.
 ——— *spinosa*. Palmer, T. C. 1773.
 ——— *vermiculosa*. Palmer, T. C. 1773.
 ——— *vestita*. Palmer, T. C. 1773.
- Trigenerina** n. gen. [Foraminifera].
 Schubert, R. J. 1874.
- TRITAXIA [Foraminifera].
 ——— *compressa*. Egger, J. G. 1503.

- TRUNCATULINA [Foraminifera].
 ——— *farosoides*. Egger, J. G. 1503.
- VAGISULINA [Foraminifera].
 ——— *sulzensis* n. form. Herrmann, A. 1596.

0631 PORIFERA.

- CRATICULARIA [Hexactinellida].
 ——— *micropora*. Ungern-Sternberg, E. 1993.
- EUDICTYON [Hexactinellida].
 ——— *steinmanni*. Bistram, A. 1375.
- Nepheliospongia** n. gen. [Hexactinellida].
 Clarke, J. M. 1438.
 ——— *avocensis*. Clarke, J. M. 1438.
 ——— *typica*. Clarke, J. M. 1438.
- RHIZOPOTERION [Hexactinellidae].
 ——— *regulare*. Ungern Sternberg, E. 1993.
 ——— *zitteli*. Ungern-Sternberg, E. 1993.
- Strephochetus** n. gen. Seely, H. M. 1893.
 ——— *atratus*. Seely, H. M. 1893.
 ——— *brainerdi*. Seely, H. M. 1893.
 ——— *ocellatus*. Seely, H. M. 1893.
 ——— *prunus*. Seely, H. M. 1893.
- VENTRICULITES [Hexactinellidae].
 ——— *borussicus*. Ungern Sternberg, E. 1993.
 ——— *cavernosus*. Ungern-Sternberg, E. 1993.

0831 COELENTERATA.

- ACANTHOCOENIA [Hexacoralla].
 ——— *neocomiensis*. Volz, W. 2012.

AOTINACIS [Hexacoralla].

- *cognata*. Oppenheim, P. 1762.
 — *perelegans*. Oppenheim, P. 1762.
 — *remesi*. Felix, J. 1518.
 — *sub-rollei*. Oppenheim, P. 1762.

ALVEOLITES [Tabulata].

- *dispana*. Greene, G. K. 1570.
 — *subangularis*. Greene, G. K. 1570.

APLOSMILIA [Hexacoralla].

- *crucifera*. Felix, J. 1521.
 — *euteiches*. Felix, J. 1522.

ASTRACAEA n. nom. [Hexacoralla].
Felix, J. 1520.**ASTRAEOPORA** [Hexacoralla].

- *mostarensis*. Oppenheim, P. 1762.

Astraraea n. gen. [Hexacoralla]. Felix, J. 1521.**ASTROCOENIA** [Hexacoralla].

- *hoernesii*. Oppenheim, P. 1762.
 — *spongilla*. Oppenheim, P. 1762.

Astrogyra n. gen. [Hexacoralla]. Felix, J. 1520, 1521.**AULOPSAMMIA** [Octocoralla?].

- *lithothamnioides*. Felix, J. 1521.
 — *reptans*. Felix, J. 1521.
 — *termiculata*. Felix, J. 1521.

Axoseris n. gen. [Hexacoralla]. Oppenheim, P. 1762.

- *hoernesii*. Oppenheim, P. 1762.

BARYHELIA [Hexacoralla].

- *hexacnema*. Felix, J. 1522.

BARYSMILIA [Hexacoralla].

- *dalmatina*. Oppenheim, P. 1762.

BROOKSELLA [Acalephae].

- *rhenana*. Kinkelin, F. 1653.

CALAMOPHYLLIA [Hexacoralla].

- *subtilis*. Oppenheim, P. 1762.
 — *tubiporaciformis*. Felix, J. 1522.

CARYOPHYLLIA [Hexacoralla].

- *californica*. Arnold, R. 1342.
 — *oppeli*. Remeš, M. 1837.
 — *pedroensis*. Arnold, R. 1342.

CENTRASTRAEA [Hexacoralla].

- *blanckenhornii*. Felix, J. 1522.
 — *leptomeres*. Felix, J. 1522.
 — *polystyla*. Felix, J. 1522.

CERATOTROCHUS [Hexacoralla].

- *amphitrites*. Felix, J. 1521.
 — *clinatus*. Dennant, J. 1474.

Charactophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**CHONOPHYLLUM** [Tetracoralla].

- *pygmaeum*. Greene, G. K. 1570.

CIRCOPHYLLIA [Hexacoralla].

- *gibba*. Oppenheim, P. 1762.

CLADOCORA? [Hexacoralla].

- *bosniaca*. Oppenheim, P. 1762.

COCCOPHYLLUM [Hexacoralla].

- *maximum*. Volz, W. 2012.

COMOSERIS [Hexacoralla].

- *leptophyes*. Felix, J. 1552.

CRYPTOCOENIA [Hexacoralla].

- *irregularis*. Volz, W. 2012.

CYATHOMORPHA [Hexacoralla].

- *dabricensis*. Oppenheim, P. 1762.

- CYATHOPHORA** [Hexacoralla].
 ——— *annae*. Volz, W. 2012.
 ——— *pygmaea*. Volz, W. 2012.
- CYATHOSERIS** [Hexacoralla].
 ——— *dinariae*. Oppenheim, P. 1762.
 ——— *zitteli*. Felix, J. 1521.
- CYCLOLITES** [Hexacoralla].
 ——— *rhomboideus*. Oppenheim, P. 1762.
- CYCLOSERIS** [Hexacoralla].
 ——— *brazzanensis*. Oppenheim, P. 1762.
- Cylindrophyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
 ——— *elongatum*. Simpson, G. B. 1921.
- DIMORPHASTRAEA** [Hexacoralla].
 ——— *kobyi*. Felix, J. 1522.
 ——— *uaehneri*. Felix, J. 1521.
- DIPHYPHYLLUM** [Tetracoralla].
 ——— *billingsi*. Greene, G. K. 1570.
- DIPLOCOENIA** [Hexacoralla].
 ——— *hegyesina*. Volz, W. 2012.
- DIPLORIA** [Hexacoralla].
 ——— *latisinuata*. Felix, J. 1521.
- Ditoecholasma** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- Edaphophyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- ELASMOCOENIA** [Hexacoralla].
 ——— *kittliana*. Felix, J. 1521.
- Enterolasma** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- ERIDOPHYLLUM** [Tetracoralla].
 ——— *louisvillensis*. Greene, G. K. 1570.
- FAVOSITES** [Tabulata].
 ——— *helderbergiae* var. *praececedens* n. var. Schuchert, C. 1883.
- FLABELLUM** [Hexacoralla].
 ——— *bosniacum*. Oppenheim, P. 1762.
- Fossopora** n. gen. [Hexacoralla].
 Etheridge, R. jun. 1513.
- GOSIARAEA** [Hexacoralla].
 ——— *octopartita*. Oppenheim, P. 1762.
- HALYSITES** [Tabulata].
 ——— *radiatus*. Whitfield, R. P. 2027.
- HAPLARAEA** [Hexacoralla].
 ——— *pratzi*. Felix, J. 1521.
- HAPLOHELIA** [Hexacoralla].
 ——— *ornata*. Felix, J. 1521.
- Hapsiphyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- HELIASTRAEA** [Hexacoralla].
 ——— *forojuliensis*. Oppenheim, P. 1762.
 ——— *katzeri*. Oppenheim, P. 1762.
- HELIOPHYLLUM** [Tetracoralla].
 ——— *conglomeratum*. Greene, G. K. 1571.
 ——— *congregatum*. Greene, G. K. 1571.
 ——— *crotalum*. Greene, G. K. 1570.
 ——— *dispersum*. Greene, G. K. 1570.
 ——— *mirum*. Greene, G. K. 1570.
- HETEROCOENIA** [Hexacoralla].
 ——— *costata*. Felix, J. 1521.
 ——— *erecta*. Felix, J. 1521.
 ——— *fuchai*. Felix, J. 1521.
 ——— *oculinaeformis*. Felix, J. 1521.
 ——— *stachei*. Felix, J. 1521.
- HOLOCYSTIS** [Hexacoralla].
 ——— *bukoncinensis*. Volz, W. 2012.
- Homalophyllum** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.

HYDROBORA [Hexacoralla].

— *kosmatis* Felix, J. 1521.

HYDROPHYLLIA [Hexacoralla].

— *benardellii*. Oppenheim, P. 1762.

— *prior*. Oppenheim, P. 1762.

Monelasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

Laccophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

— *acuminatum*. Simpson, G. B. 1921.

LISMOGYRA [Hexacoralla].

— *fortunosa*. Felix, J. 1521.

— *gracilis*. Felix, J. 1521.

LATIMAEANDRA [Hexacoralla].

— *amphitrites*. Felix, J. 1522.

— *zumoffeni*. Felix, J. 1522.

LATIMAEANDRARAEA [Hexacoralla].

— *dourilliei*. Felix, J. 1521.

— *lophiophora*. Felix, J. 1521.

LEPTOGRAFTUS [Graptolitoidea].

— *ascendens*. Elles, G. L. & Wood, E. M. R. 1507.

— *flaccidus* var. *arcuatus* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

— *flaccidus* var. *macer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

— *flaccidus* var. *macilentus* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

— *flaccidus* var. *spinifer* n. var.
Elles, G. L. & Wood, E. M. R. 1507.

— *grandis*. Elles, G. L. & Wood, E. M. R. 1507.

— *latus*. Elles, G. L. & Wood, E. M. R. 1507.

— *validus*. Elles, G. L. & Wood, E. M. R. 1507.

LEPTOSERIS [Hexacoralla].

— ? *rarestella*. Oppenheim, P. 1762.

LITHARAEA [Hexacoralla].

— *latistellata*. Felix, J. 1521.

— *raughani*. Felix, J. 1521.

LONSDALEIA [Tetracoralla].

— *multiarptata*. Enderle, J. 1508.

Lopholasma n. gen. [Tetracoralla].
Simpson, G. B. 1921.

MADREPORA [Hexacoralla].

— *herzegoviniensis*. Oppenheim, P. 1762.

— *tergestina*. Oppenheim, P. 1762.

Meniscophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

— *minutum*. Simpson, G. B. 1921.

MESOMORPIA [Hexacoralla].

— *columnaris*. Oppenheim, P. 1762.

MICHELINIA [Tabulata].

— *icardi*. Greene, G. K. 1570.

MILLEPORA [Hydromedusae].

— *dalmatina*. Oppenheim, P. 1762.

Milleporidium n. gen. [Hydromedusae].
Steinmann, G. 1948.

— *remesi*. Steinmann, G. 1948.

MONTLIVALTIA [Hexacoralla].

— *latona*. Felix, J. 1521.

OCCULINA [Hexacoralla].

— *ogilvae*. Felix, J. 1521.

— *schlosseri*. Felix, J. 1521.

Odontophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.

ORBICELLA [Hexacoralla].

— ? *tezana*. Vaughan, T. W. 2008.

PACHYGyra [Hexacoralla].

— *microphyes*. Felix, J. 1521.

- PARACTATUS** [Hexacoralla].
 ——— *pedroensis*. Arnold, R. 1342.
- PARASMILIA** [Hexacoralla].
 ——— *tezana*. Vaughan, T. W. 2008.
- PATTALOPHYLLIA** [Hexacoralla].
 ——— *dalmatina*. Oppenheim, P. 1762.
- PHILLIPASTRAEA** [Tetiacoralla].
 ——— *micastraea*. Penecke, K. A. 1787.
 ——— *schafferi*. Penecke, K. A. 1787.
- PHYLLOCOENIA** [Hexacoralla].
 ——— *roalensis*. Dacqué, E. 1468.
- PHYLLOSMILIA** [Hexacoralla].
 ——— *aegale*. Felix, J. 1521.
 ——— *diversicostata*. Felix, J. 1521.
 ——— *transiens*. Felix, J. 1521.
- PLACOCOENIA** [Hexacoralla].
 ——— *decamera*. Volz, W. 2012.
 ——— *major*. Felix, J. 1521.
 ——— *uhlgi*. Volz, W. 2012.
- PLACOHELIA** [Hexacoralla].
 ——— *bigemmis*. Felix, J. 1521.
- PLACOPHYLLUM** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
 ——— *tabulatum*. Simpson, G. B. 1921.
- PLACOSMILIA** [Hexacoralla].
 ——— *cornu*. Oppenheim, P. 1762.
 ——— *euophila*. Felix, J. 1521.
- PLACOTROCHUS** [Hexacoralla].
 ——— *inflectus*. Dennant, J. 1474.
 ——— *pueblensis*. Dennant, J. 1474.
- PLESIOPHYLLIA** [Hexacoralla].
 ——— *acrisignae*. Felix, J. 1521.
- PLEUROPELIA** n. gen. Dennant, J. 1474.
 ——— *otrayensis*. Dennant, J. 1474.
- POBITES** [Hexacoralla].
 ——— *crustulum*. Oppenheim, P. 1762.
- PRISMATOPHYLLUM** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- PROTOSERIS** [Hexacoralla].
 ——— *cretacea*. Felix, J. 1521.
- PULOGYRA** n. gen. [Hexacoralla]. Felix, J. 1521.
 ——— *telleri*. Felix, J. 1521.
- RHARDOPHYLLIA** [Hexacoralla].
 ——— *fallax*. Oppenheim, P. 1762.
- ROMINGERIA** [Tabulata].
 ——— *commutata*. Beecher, C. E. 1358.
 ——— *jacksoni*. Beecher, C. E. 1358.
 ——— *minor*. Beecher, C. E. 1358.
- SCENOPHYLLUM** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- SCHOENOPHYLLUM** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- STENOGYRA** [Hexacoralla].
 ——— *sinuosa*. Felix, J. 1521.
- STEPHANOCOENIA** [Hexacoralla].
 ——— *halmopotis*. Felix, J. 1522.
 ——— *major*. Felix, J. 1522.
- STEPHANOSMILIA** [Hexacoralla].
 ——— *d'achiardii*. Oppenheim, P. 1762.
- STEREOLASMA** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.
- STRIATOPORA** [Tabulata].
 ——— *bellistriata*. Greene, G. K. 1570 b.
- STYLINA** [Hexacoralla].
 ——— *parristella*. Volz, W. 2012.
- SYNAPTOPHYLLUM** n. gen. [Tetracoralla].
 Simpson, G. B. 1921.

THAMNARAEA [Hexacoralla].

- *cladophora*. Felix, J. 1521.
 —— *lithodes*. Felix, J. 1521.

THAMNASTRAEA [Hexacoralla].

- *carinata*. Felix, J. 1521.
 —— *leptophylla*. Felix, J. 1521.
 —— *montuosa*. Felix, J. 1521.

THAMNOPHYLLUM [Tetracoralla].

- *supradevonicum*. Penecke, K. A. 1787.

Triplophyllum n. gen. [Tetracoralla].
Simpson, G. B. 1921.**TROCHOCTATHUS** [Hexacoralla].

- *adelaidensis*. Dennant, J. 1474.
 —— *infracompessus*. Dennant, J. 1474.
 —— *maplestonei*. Dennant, J. 1474.
 —— *microphyes*. Felix, J. 1521.
 —— *planicostatus*. Dennant, J. 1474.

TROCHOSERIS [Hexacoralla].

- *d'achiardii*. Oppenheim, P. 1762.
 —— *semiplanus*. Oppenheim, P. 1762.

TROCHOSMILIA [Hexacoralla].

- *chondrophora*. Felix, J. 1521.
 —— *didymophila*. Felix, J. 1521.
 —— *leptogramma*. Felix, J. 1521.
 —— *psecadiophora*. Felix, J. 1521.

TRCBINOSERIS [Hexacoralla].

- *dubravitzensis*. Oppenheim, P. 1762.

ZAPRENTIS [Tetracoralla].

- *trisinuatus*. Greene, G. K. 1570 b.
 —— *veberi*. Greene, G. K. 1570 a.

1031 ECHINODERMATA.**ANTEDON** [Crinoidea].

- *koprionicensis*. Remeš, M. 1837.
 —— *lorioli*. Remeš, M. 1837.

ARTHRASTER [Asteroidea].

- *senonensis*. Valette, D. A. 1906.

BOTRYOCRINUS [Crinoidea].

- *longibrachiatus*. Chapman, F. 1429.

BRISSOPSIS [Echinoidea].

- *forajuliensis*. Oppenheim, P. 1762.

CALCEOCRINUS [Crinoidea].

- *granuliferus*. Greene, G. K. 1570.

CAMAROCRINUS [Crinoidea].

- *ulrichi*. Schuchert, C. 1885.

CARPENTEROBLASTUS [Blastoidea].

- *veryi*. Greene, G. K. 1570.

CIDAROBLASTUS [Blastoidea].

- *partus*. Hambach, G. 1577.

Coelocystis n. gen. [Crinoidea].
Schuchert, C. 1885.**CRIBROBLASTUS** [Blastoidea].

- *incisus*. Hambach, G. 1557.
 —— *schucherti*. Hambach, G. 1577.
 —— *tenuis*. Hambach, G. 1577.
 —— *tenuistriatus*. Hambach, G. 1577.
 —— *verrucosus*. Hambach, G. 1577.

CYPHOSOMA [Echinoidea].

- *mollense*. Paulcke, W. 1781.

CYTOCRINUS [Crinoidea].

- *marginatus*. Remeš, M. 1837.

Very truly yours,
L. B. Nichols.

- sagittatus* var. *cognatus* n. var.
Greene, G. K. 1870.
- serotinus* Greene, G. K.
1871.
- serotinus* var. *concinus* n.
var. Greene, G. K. 1871.
- serotinus* var. *decoratus* n.
var. Greene, G. K. 1871.
- serotius*. Greene, G. K.
1870.
- elegantulus*. Greene, G. K.
1871.
- serotius* v. *incarinatus* n.
var. Greene, G. K. 1870.
- fungiferus*. Greene, G. K.
1870.
- multibrachiatus*. Greene,
G. K. 1870.
- multinodosus*. Greene, G. K.
1871.
- noduliferus*. Greene, G. K.
1870.
- pennosus*. Greene, G. K.
1870.
- springeri*. Greene, G. K.
1870.
- velleri*. Greene, G. K. 1870.


CRINOIDEA [Crinoidea].

- *loc. cit.*, Katzer, F., 1940.

PERONIACHINUS [Crinoidea].

- | | | | |
|------|-----------------------|-----------|-------|
| ———— | <i>cupuliformis.</i> | Remeš, M. | |
| | 1837. | | |
| ———— | <i>granulatus.</i> | Remeš, M. | |
| | 1837. | | |
| ———— | <i>holopiiformis.</i> | Remeš, M. | |
| | 1837. | | |
| ———— | <i>tithonius.</i> | Remeš, M. | 1837. |

CHENNAECORINUS [Crinoidea].

- 
- comptus*. Greene, G. K.
1870.
- comptus* var. *spiniferus* n.
var. Greene, G. K. 1870.
- facetus*. Greene, G. K.
1870.
- sculptus*. Greene, G. K.
1870.

GLOBULASTES [Blastoidea].

- | | | |
|-------|-----------------------------|-------------|
| _____ | <i>magnificus.</i>
1577. | Hambach, G. |
| _____ | <i>ornatus.</i>
1577. | Hambach, G. |
| _____ | <i>spithatus.</i>
1577. | Hambach, G. |

Helicocrinus n. gen. [Crinoidea].
Chapman, F. 1429.

- *plumosus*. Chapman, F.
1429.

HEMIASTER [Echinoidea].

- *basidecorus*. Oppenheim, P.
1762.

Jaekelocystis n. gen. [Cystoidea].
1885.

- *hartleyi*. Schuchert, C.
1885.

MEGISTOCRINUS [Crinoidea].

- _____ *expansus* var. *magniventris*
n. var. Greene, G. K.
1570.
- _____ *oppelti*. Greene, G. K. 1570.
- _____ *rugosus* var. *spinuliferus* n.
var. Greene, G. K. 1570.

Paropsonema n. gen. [Echinoidea?].
Clarke, J. M. 1437.

- *cryptophya*. Clarke, J. M.
1437.

PENTACEROS [Asteroidea].

- *senonensis*. Valette, D. A.
1996

PENTREMITES [Blastoidea].

- *angustus.* Hambach, G.
 1577.
 ————— *kirki.* Hambach, G. 1577.
 ————— *obtusus.* Hambach, G. 1577.
 ————— *rusticus.* Hambach, G.
 1577.
 ————— *serratus.* Hambach, G.
 1577.
 ————— *tulipaformis.* Hambach, G.
 1577.
 ————— *turbinatus.* Hambach, G.
 1577.

PERICOSMUS [Echinoidea].

- *tergestinus*. Oppenheim, P.
1762.

PHYLOCRINUS [Crinoidea].

—— *cyclamen*. Remeš, M. 1837.

PLATYCRINUS [Crinoidea].

—— *deconicus*. Greene, G. K. 1570.

POROCIDARIS [Echinoidea].

—— *prior*. Oppenheim, P. 1762.

PSEUDOCRINITES [Cystoidea].

—— *clarki*. Schuchert, C. 1885.

—— *gordoni*. Schuchert, C. 1885.

—— *perdewi*. Schuchert, C. 1885.

—— *stellatus*. Schuchert, C. 1885.

SACCOBLASTUS [Blastoidea].

—— *centricosus*. Hambach, G. 1577.

SCLEBOCRINUS [Crinoidea].

—— *batheri*. Remeš, M. 1837.

—— *pyriformis*. Remeš, M. 1837.

—— *tenuis*. Remeš, M. 1837.

SPHAEROCYSTITES [Crinoidea].

—— *globularis*. Schuchert, C. 1885.

STEMMATOCRINUS ? [Crinoidea].

—— *terryi*. Greene, G. K. 1570.

STEPHANOCRINUS [Crinoidea].

—— *deformis*. Greene, G. K. 1570.

—— *quinquepartitus*. Greene, G. K. 1570.

1831 VERMES.**SERPULA** [Polychaeta].

—— *konjavacensis*. Oppenheim, P. 1762.

—— *laterecristata*. Oppenheim, P. 1762.

—— *pseudospirulacea*. Oppenheim, P. 1762.

—— *torquata*. Remeš, M. 1837.

2031 BRACHIOPODA AND BRYOZOA.**AMPHICLINA** [Brachiopoda].

—— *bukorakii*. Bittner, A. 1378.

AMPHICLINODONTA [Brachiopoda].

—— *katzeri*. Bittner, A. 1378.

AULACOTHYRIS [Brachiopoda].

—— *cognata*. Bittner, A. 1378.

—— *cymbula*. Bittner, A. 1378.

—— *geyeri*. Bittner, A. 1378.

—— *gregalis*. Bittner, A. 1378.

—— *incurvata*. Bittner, A. 1378.

—— *loeffelholzii*. Bittner, A. 1378.

—— *mira*. Bittner, A. 1378.

—— *obesula*. Bittner, A. 1378.

—— *praevaliana*. Bittner, A. 1378.

—— *reclinata*. Bittner, A. 1378.

—— *redunca*. Bittner, A. 1378.

—— *semiplana*. Bittner, A. 1378.

—— *simulatrix*. Bittner, A. 1378.

—— *soror*. Bittner, A. 1378.

—— *sparsa*. Bittner, A. 1378.

—— *supina*. Bittner, A. 1378.

—— *turgidula*. Bittner, A. 1378.

—— *vähneri*. Bittner, A. 1378.

Anulopocella n. gen. [Bryozoa]. Maplestone, C. M. 1712.

BATOSTOMELLA [Bryozoa].

—— *leia*. Condra, G. E. 1454.

CAMAROTOECHIA [Brachiopoda].

—— *nitida*. Kinder, E. M. 1651.

CELLEFORA [Bryozoa].

—— *stellata*. Maplestone, C. M. 1711.

CERIOFORA [Bryozoa].

- *multiformis*. Daqué, E. 1468.

CHONETES [Brachiopoda].

- *crassitesta*. Gürich, G. 1576.
- *compresselli*. Chapman, F. 1430.
- *meibouruensis*. Chapman, F. 1430.
- *robusta*. Chapman, F. 1430.

CRANIELLA [Brachiopoda].

- *lata*. Chapman, F. 1430.

CYCLOTRYPHA ? [Bryozoa].

- *barteri*. Condra, G. E. 1454.

CYRTINA [Brachiopoda].

- *katzeri*. Bittner, A. 1378.
- *ualteri*. Bittner, A. 1378.

CYSTODICTYA ? [Bryozoa].

- *anisopora*. Condra, G. E. 1454.
- *lophodes*. Condra, G. E. 1454.

DEKAYIA [Bryozoa].

- *subfrondosa*. Cumings, E. R. 1467.
- *ulrichi* var. *expansa* n. var. Cumings, E. R. 1467.
- *ulrichi* var. *lobata* n. var. Cumings, E. R. 1467.

DIMORPHOCELLA n. gen. [Bryozoa].

- Maplestone, C. M. 1711.
- *pyriformis*. Maplestone, C. M. 1711.

EVACTINOPORA [Bryozoa].

- *castletoniensis*. Barnes, T. 1348.

FENESTELLA [Bryozoa].

- *australis*. Chapman, F. 1430.
- *binodata*. Condra, G. E. 1454.
- *conradi* var. *compactilis* n. var. Condra, G. E. 1454.

FENESTELLA [Bryozoa].

- *cyclofenestrata*. Condra, G. E. 1454.
- *gracilis*. Condra, G. E. 1454.
- *margaritifera*. Chapman, F. 1430.
- *partipora*. Condra, G. E. 1454.
- *polyporoides*. Condra, G. E. 1454.
- *spinulosa*. Condra, G. E. 1454.
- *subrudis*. Condra, G. E. 1454.

FISTULIPORA [Bryozoa].

- *carbonaria* var. *nebraecensis* n. var. Condra, G. E. 1454.

GYPIDULA [Brachiopoda].

- *romingeri* var. *indianensis* n. var. Kindle, E. M. 1651.

HORNERA [Bryozoa].

- *airensis*. Maplestone, C. M. 1711.

KINGENA [Brachiopoda].

- *blanckenhornii*. Daqué, E. 1468.

LEIOPHYNCHUS [Brachiopoda].

- *cracoriensis*. Gürich, G. 1576.
- *laevis*. Gürich, G. 1576.

LINGULA [Brachiopoda].

- *laticr.* Chapman, F. 1430.
- *spryji*. Chapman, F. 1430.

MARTINIA [Brachiopoda].

- *williamsi*. Kindle, E. M. 1651.

MEEKOPORA [Bryozoa].

- *prosseri*. Condra, G. E. 1454.

MONOMERELLA [Brachiopoda].

- *norchoracum*. Clarke, J. M. & Ruedemann, R. 1444.

OENECLOIDEA [Brachiopoda].

——— *selwyni*. Chapman, F. 1430.

ORTHIS [Brachiopoda].

——— *tectiformis*. Walther, K. 2017.

ORTHOTICHA [Brachiopoda].

——— *poechi*. Katzer, F. 1640.

PHYLAECTELLA [Bryozoa].

——— *cribrosa*. Maplestone, C. M. 1711.

PLECTAMBONITES [Brachiopoda].

——— *cressicelli*. Chapman, F. 1430.

——— *transversalis*. Chapman, F. 1430.

POLYPORA [Bryozoa].

——— *bassleri*. Condra, G. E. 1454.

——— *remota*. Condra, G. E. 1454.

——— *reversipora*. Condra, G. E. 1454.

——— *ulrichi*. Condra, G. E. 1454.

PRODUCTUS [Brachiopoda].

——— *amazonicus*. Katzer, F. 1640.

——— *mysius*. Enderle, J. 1508.

——— *troianus*. Enderle, J. 1508.

RETEPORA [Bryozoa].

——— *airensis*. Maplestone, C. M. 1711.

——— *arborescens*. Maplestone, C. M. 1711.

——— *complanata*. Maplestone, C. M. 1711.

——— *delicatula*. Maplestone, C. M. 1711.

——— *uniserialis*. Maplestone, C. M. 1711.

RETICULARIA [Brachiopoda].

——— *scabashensis*. Kindle, E. M. 1651.

RETZIA [Brachiopoda].

——— *magnifica*. Bittner, A. 1378.

RHYNCHONELLA [Brachiopoda].

——— *ambitiosa*. Bittner, A. 1378.

——— *atomaria*. Bittner, A. 1378.

——— *begum*. Bittner, A. 1378.

——— *bogumilorum*. Bittner, A. 1378.

——— *bukoucekii*. Bittner, A. 1378.

——— *chanum*. Bittner, A. 1378.

——— *delecta*. Bittner, A. 1378.

——— *depressa*. Kindle, E. M. 1651.

——— *deserta*. Bittner, A. 1378.

——— *dinarica*. Bittner, A. 1378.

——— *fuchsi*. Bittner, A. 1378.

——— *gainesi* var. *casensis* n. var. Kindle, E. M. 1651.

——— *illyrica*. Bittner, A. 1378.

——— ? *litchfieldensis*. Schuchert, C. 1883.

——— *manganophila*. Bittner, A. 1378.

——— *nissa*. Bittner, A. 1378.

——— *nitidula*. Bittner, A. 1378.

——— *pastroticchiana*. Bittner, A. 1378.

——— *patazena*. Bittner, A. 1378.

——— *perpusilla*. Bittner, A. 1378.

——— *proclivis*. Bittner, A. 1378.

——— *repentina*. Bittner, A. 1378.

——— *trebevicensis*. Bittner, A. 1378.

——— *vicaria*. Bittner, A. 1378.

RHYNCHOPORA [Brachiopoda].

——— *incurvata*. Neviani, A. 1741.

SCHISMOPORA [Bryozoa].

——— *circumvallata*. Maplestone, C. M. 1711.

——— *otavayensis*. Maplestone, C. M. 1711.

SIPHONOTRETA [Brachiopoda].

——— *australis*. Chapman, F. 1430.

——— *maccoyi*. Chapman, F. 1429.

- Solenopora** n. gen. [Bryozoa]. Maplestone, C. M. 1711.
 ——— *tubulifera*. Maplestone, C. M. 1711.

SPIRIFER [Brachiopoda].

- *ceres*. Reed, F. R. C. 1828
 ——— *gregarius* var. *greeni* n. var. Kindle, E. M. 1651.
 ——— *melissensis*. Enderle, J. 1508.
 ——— *mucronatus* var. *arkonensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.
 ——— *mucronatus* var. *thedfordensis* n. var. Shimer, H. W. & Grabau, A. W. 1912.
 ——— *palkouae*. Gürich, G. 1576.
 ——— *piraeenensis*. Katzer, F. 1640.
 ——— *zarecznyi*. Gürich, G. 1576.

SPIRIFERINA [Brachiopoda].

- *baliensis*. Enderle, J. 1508.
 ——— *megarhyncha*. Bittner, A. 1378.
 ——— *meridionalis*. Bittner, A. 1378.
 ——— *microglossa*. Bittner, A. 1378.
 ——— *osmana*. Bittner, A. 1378.
 ——— *solitaria*. Bittner, A. 1378.
 ——— *turcica*. Bittner, A. 1378.

SPIRIGERA [Brachiopoda].

- *matutina*. Bittner, A. 1378.
 ——— *biplicatula*. Bittner, A. 1378.
 ——— *bukowskii*. Bittner, A. 1378.
 ——— *canaliculata*. Bittner, A. 1378.
 ——— *cornutula*. Bittner, A. 1378.
 ——— *kittlii*. Bittner, A. 1378.

STENOPORA [Bryozoa].

- *distans*. Condra, G. E. 1454.
 ——— *heteropora*. Condra, G. E. 1454.
 ——— *polyspinosa* (Provisional). Condra, G. E. 1454.

- Stolzenburgiella** n. subgen. [Brachiopoda]. Bittner, A. 1378.
 ——— *bukowskii*. Bittner, A. 1378.

STROPHEODOKTA [Brachiopoda].

- *alata*. Chapman, F. 1430.
 ——— *lilydalensis*. Chapman, F. 1430.

STROPHONELLA [Brachiopoda].

- *euglyphoides*. Chapman, F. 1430.

TEREBRATALIA [Brachiopoda].

- *smithi*. Arnold, R. 1342.

TEREBRATULA [Brachiopoda].

- *bukowskii*. Bittner, A. 1378.
 ——— *cuccensis*. Bittner, A. 1378.
 ——— *hoeferi*. Oppenheim, P. 1762.
 ——— *kittlii*. Bittner, A. 1378.
 ——— *krafftii*. Bittner, A. 1378.
 ——— *praecox*. Bittner, A. 1378.
 ——— *suspecta*. Bittner, A. 1378.

THAMNISCUS [Bryozoa].

- *palmatus* (Provisional). Condra, G. E. 1454.
 ——— *pinnatus*. Condra, G. E. 1454.

THECOSPIRA [Brachiopoda].

- *textilis*. Bittner, A. 1378.

WALDHEIMIA [Brachiopoda].

- *planoconvexa*. Bittner, A. 1378.

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AOLISINA [Gastropoda].

- *barnetti*. Kindle, E. M. 1651.
 ——— *barnetti* var. *elongata* n. var. Kindle, E. M. 1651.

ADELOPOMA [Gastropoda].

- *martensi*. Andreae, A. 1326.

- AGATIDES** [Cephalopoda].
 — *discoidalis*. Smith, J. P. 1930.
 — *gürichi*. Frech, F. 1943.
 — *praecursor*. Frech, F. 1943.
- AGATHICERAS** [Cephalopoda].
 — *ciacoense*. Smith, J. P. 1930.
- ALIGESA** [Pelecypoda].
 — *ceritensis*. Arnold, R. 1942.
- AMASTRA** [Gastropoda].
 — *fossilis*. Baldwin, D. D. 1945.
 — *senilis*. Baldwin, D. D. 1945.
- AMPHISSA** [Gastropoda].
 — *ventricosa*. Arnold, R. 1942.
- AMPULLOSPIRA** [Gastropoda].
 — *infraliasica*. Chartron & Cossmann. 1931.
- ANUSICUM** [Pelecypoda].
 — *concentricum*. Hind, W. 1901.
- ANATINA** [Pelecypoda].
 — *austinensis*. Shattuck, G. B. 1906.
 — *texana*. Shattuck, G. B. 1906.
- APHYLLITES** [Cephalopoda].
 — *barroisi*. Frech, F. 1943.
- ARCA** [Pelecypoda].
 — *delicatula*. Casey, T. L. 1927.
 — *invidiosa*. Casey, T. L. 1927.
 — *tenuistriata*. Remeš, M. 1837.
 — *vaghani*. Casey, T. L. 1927.
- ARCHAEOSOXITES** [Gastropoda].
 — *conicus*. Andreae, A. 1926.
- ARIETITES** [Cephalopoda].
 — *peregrinus*. Fucini, A. 1947.
- ARPADITES** [Cephalopoda].
 — *celitoides*. Airaghi, C. 1910.
- ARTHABERITES** n. gen. [Cephalopoda].
 Diener, C. 1944.
 — *alexandrae*. Diener, C. 1944.
- ASTARTE** [Pelecypoda].
 — *branneri*. Arnold, R. 1942.
 — *uhligi*. Remeš, M. 1837.
- ATAPHRUS** [Gastropoda].
 — *planilabium*. Chartron & Cossmann. 1931.
- ATRACITITES** [Cephalopoda].
 — *compressus*. Airaghi, C. 1919.
 — *marianii*. Airaghi, C. 1919.
 — *preveri*. Airaghi, C. 1919.
 — *tommasii*. Airaghi, C. 1919.
- ATURIA** [Cephalopoda].
 — *praeziczac*. Oppenheim, P. 1964.
- AUCELLA** [Pelecypoda].
 — *kirghisensis*. Sokolov, D. N. 1932.
 — *paradoxi*. Sokolov, D. N. 1932.
 — *pavlori*. Sokolov, D. N. 1932.
 — *scythica*. Sokolov, D. N. 1932.
- AVICULA** [Pelecypoda].
 — *valsaldae* n. form. Bistram, A. 1975.
- AVICULOPECTEN** [Pelecypoda].
 — *aerarius*. Bittner, A. 1978.
 — *bosniae*. Bittner, A. 1978.
 — *carrolli*. Hind, W. 1901.
 — *eskdalensis*. Hind, W. 1901.
 — *fimbriatus*. Hind, W. 1901.
 — *herbichii*. Bittner, A. 1978.
 — *inequalis*. Hind, W. 1901.
 — *interruptus*. Bittner, A. 1978.

- AVICULOPECTEN** [Pelecypoda].
 ——— *katzeri*. Bittner, A. 1378.
 ——— *schlosseri*. Bittner, A. 1378.
- AZEKA** [Gastropoda].
 ——— *frechi*. Andreae, A. 1326.
- BAOTRITES** [Cephalopoda].
 ——— *carbonarius*. Smith, J. P. 1930.
- BACULITES** [Cephalopoda].
 ——— *hochstetteri*. Liebus, A. 1687.
- BARROISICERAS** [Cephalopoda].
 ——— *hyatti*. Shattuck, G. B. 1906.
 ——— *texanum*. Shattuck, G. B. 1906.
- BELA** [Gastropoda].
 ——— *sanctae-monicae*. Arnold, R. 1342.
- BELLEROPHON** [Gastropoda].
 ——— *attalicus*. Enderle, J. 1508.
 ——— *shelbiensis*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *sphaericus*. Walther, K. 2017.
- BELOCERAS** [Cephalopoda].
 ——— *praecursor*. Frech, F. 1543.
- Beyrichoceras** n. subgen. [Cephalopoda].
 Foord, A. H. 1528.
- BITTIUM** [Gastropoda].
 ——— *williamsoni*. Arnold, R. 1342.
- Bittnerites** n. subgen. [of *Tirolites*].
 [Cephalopoda]. Kittl, E. 1656.
 ——— *bittneri*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.
- BRANCO CERAS** [Cephalopoda].
 ——— *enniskillenense*. Foord, A. H. 1528.
- CALISTA** [Pelecypoda].
 ——— *subdiaphana* var. *pedroana* n. var. Arnold, R. 1342.
- CALLONEMA** [Gastropoda].
 ——— *conus*. Kindle, E. M. 1651.
- CAMPELOMA** [Gastropoda].
 ——— *harloutonensis*. Stanton, T. W. 1938.
- CAPULUS** [Gastropoda].
 ——— *casensis*. Kindle, E. M. 1651.
- CARDIOLA** [Pelecypoda].
 ——— *pectinata*. Walther, K. 2017.
- CARDITA** [Pelecypoda].
 ——— *aldrichi*. Casey, T. L. 1427.
 ——— *exerescens*. Pritchard, G. B. 1818.
 ——— *katzeri*. Oppenheim, P. 1762.
- CARDIUM** [Pelecypoda].
 ——— *dabricense*. Oppenheim, P. 1762.
 ——— (*Granocardium*) *budaense*. Shattuck, G. B. 1906.
 ——— *haeringense*. Dreger, J. 1496.
 ——— ? *illyricum*. Oppenheim, P. 1762.
 ——— (*Protocardia*) *vaughani*. Shattuck, G. B. 1906.
- CARYCHIUM** [Gastropoda].
 ——— *fischeri*. Boettger, O. 1385.
- CERATITES** [Cephalopoda].
 ——— *paronai*. Airaghi, C. 1319.
 ——— *prior*. Kittl, E. 1656.
- CERITHIELLA** [Gastropoda].
 ——— *velschi*. Chartron & Cossmann. 1431.
- CERITHIUM** [Gastropoda].
 ——— *bosniacum*. Oppenheim, P. 1762.
 ——— *coracinum*. Oppenheim, P. 1762.
 ——— *delphinus*. Oppenheim, P. 1762.
 ——— *imperiale*. Oppenheim, P. 1762.

CAERATIUM [Gastropoda].

- *katseri*. Oppenheim, P. 1762.
 —— *kittlii*. Oppenheim, P. 1762.
 —— *loparense*. Oppenheim, P. 1762.
 —— *lukovicense*. Oppenheim, P. 1762.
 —— *maecus*. Oppenheim, P. 1762.
 —— *plaga*. Oppenheim, P. 1762.
 —— *pontificale*. Oppenheim, P. 1762.
 —— *praebidentatum*. Oppenheim, P. 1762.
 —— *subfunatum*. Oppenheim, P. 1762.
 —— *subtiara*. Oppenheim, P. 1762.
 —— *tapeti*. Oppenheim, P. 1762.
 —— ? *tezanum*. Shattuck, G. B. 1906.

CRAMA [Pelecypoda].

- *bosniaca*. Oppenheim, P. 1762.
 —— *minima*. Remeš, M. 1837.
 —— *tuzlana*. Oppenheim, P. 1762.

- Chartronia** n. gen. [Gastropoda].
 Chartron & Cossmann. 1431.
 —— *digoniata*. Chartron & Cossmann. 1431.

CHIONE [Pelecypoda].

- *cognata*. Pritchard, G. B. 1818.
 —— *etheridgei*. Pritchard, G. B. 1818.

- Claraia** n. subgen. [of *Pseudo-monotis*].
 [Pelecypoda]. Bittner, A. 1377.

CLAVILITHES [Gastropoda].

- *chamberlaini*. Johnson, C. W. & Grabau, A. W. 1631.

CLYMENTIA [Cephalopoda].

- *aegoceras*. Frech, F. 1543.
 —— *intracostata*. Frech, F. 1543.
 —— *wysogorskii*. Frech, F. 1543.

- Cochlespirella** n. gen. [Gastropoda].
 Casey, T. L. 1427.

COELIDIUM [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.

CELOSTYLINA [Gastropoda].

- *chartroni*. Chartron & Cossmann. 1431.
 —— *elator*. Chartron & Cossmann. 1431.
 —— *mammillata*. Chartron & Cossmann. 1431.
 —— *mesaliaeformis*. Chartron & Cossmann. 1431.
 —— *paludinoides*. Chartron & Cossmann. 1431.

COLUMBELLA [Gastropoda].

- *minima*. Arnold, R. 1342.
 —— *oldroydi*. Arnold, R. 1342.
 —— *solidula* var. *praecursor* n. var. Arnold, R. 1342.

CONULARIA.

- *fimbriata*. Walther, K. 2017.

CONUS [Gastropoda].

- *scopularis*. Casey, T. L. 1427.

CORBULA [Pelecypoda].

- *laqueata*. Casey, T. L. 1427.
 —— *muschketowi*. Böhm, J. 1852.

CORYNA [Gastropoda].

- *oppoliensis*. Andreane, A. 1326.

CRASSATELLA [Pelecypoda].

- *kalitensis*. Oppenheim, P. 1762.

CRASSATELLITES [Pelecypoda].

- *casarius*. Pritchard, G. B. 1818.
 ——— *kingicoloites*. Pritchard, G. B. 1818.
 ——— *mauldensis*. Pritchard, G. B. 1818.

CYENOSTREON [Pelecypoda].

- ? *ponti*. Broili, F. 1398.

CYLINDROBULLINA [Gastropoda].

- *bulloides*. Chartron & Cossmann. 1431.
 ——— *peracuta*. Chartron & Cossmann. 1431.

CYRENA [Pelecypoda].

- *quadrangularis*. Oppenheim, P. 1762.

CYRTOCERAS [Cephalopoda].

- *bovinum*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *expansum*. Kindle, C. M. 1651.

CYRTORHIZOCERAS [Cephalopoda].

- *curticameratum*. Clarke, J. M. & Ruedemann, R. 1444.

CYTHAREA [Pelecypoda].

- *dabricensis*. Oppenheim, P. 1762.
 ——— *hilarionis*. Oppenheim, P. 1762.
 ——— *orientalis*. Oppenheim, P. 1762.
 ——— *rhomboidea*. Oppenheim, P. 1762.

Dalmatites n. gen. [Cephalopoda].

- Kittl, E. 1656.
 ——— *mortaceus*. Kittl, E. 1656.

DELPHINOIDEA [Gastropoda].

- *coronauloensis*. Arnold, R. 1342.

DENTALIUM [Scaphopoda].

- *opaculum*. Casey, T. L. 1427.
 ——— *polygonum*. Casey, T. L. 1427.

DENTALIUM [Scaphopoda].

- *atrenum*. Casey, T. L. 1427.
 ——— *zephyrinum*. Casey, T. L. 1427.

DESMOCERAS [Cephalopoda].

- *jonesi*. Gregory, J. W. & Smith, F. V. 1575.

DIACRORA [Pelecypoda].

- n. nom. Cockerell, T. D. A. 1450.

DIMYOPSIS [Pelecypoda].

- *emmerichi* n. nom. Bistrani, A. 1375.

DIMORPHOCERAS [Cephalopoda].

- *texanum*. Smith, J. P. 1930.

DINARITES [Cephalopoda].

- *angulatus*. Kittl, E. 1656.
 ——— *biangulatus*. Kittl, E. 1656.
 ——— *dezzoanus*. Tommasi, A. 1972.
 ——— *diocletiani*. Kittl, E. 1656.
 ——— *evolutior*. Kittl, E. 1656.
 ——— *laevis*. Tommasi, A. 1972.
 ——— *multicostatus*. Kittl, E. 1656.
 ——— *progressus*. Kittl, E. 1656.
 ——— *trilobitoides*. Kittl, E. 1656.

DRILLIA [Gastropoda].

- *harmonica*. Casey, T. L. 1427.
 ——— *johnsoni*. Arnold, R. 1342.
 ——— *merriami*. Arnold, R. 1342.
 ——— *renaudi*. Arnold, R. 1342.

EDMONDIA [Pelecypoda].

- *bittneri*. Enderle, J. 1508.

Endianaulax n. subgen. [Gastropoda].

- Chartron & Cossmann. 1431.
 ——— *planicallosum*. Chartron & Cossmann. 1431.

- Estataenia** n. gen. [Gastropoda].
Chartron & Coesmann. 1431.
- *terquemi*. Chartron & Coesmann. 1431.
- Estroica** n. subgen. (of *Umbraculum*).
Aldrich, T. H. 1321.
- Eutomaria** [Gastropoda].
- *areyi*. Clarke, J. M. & Ruedemann, R. 1444.
- *kayseri*. Clarke, J. M. & Ruedemann, R. 1444.
- Eptornoceras** n. subgen. [of *Tornoceras*]. §
[Cephalopoda]. Frech, F. 1543.
- *irideum*. § Frech, F. 1543.
- Ectylus** [Gastropoda].
- *tectiformis*. Chartron & Coesmann. 1431.
- Eulina** [Gastropoda].
- *scanneri*. Oppenheim, P. 1764.
- Eumorphotis** n. subgen. [of *Pseudomonotis*]. [Pelecypoda].
Bittner, A. 1377.
- Eumorphalus** [Gastropoda].
- *fairchildi*. Clarke, J. M. & Ruedemann, R. 1444.
- (*Straparollus*) *eziguus*. Kindle, E. M. 1651.
- Eutleura** [Gastropoda].
- *muriciformis* var. *curta* n. var. Arnold, R. 1342.
- Exelissa** [Gastropoda].
- *infraliasica*. Chartron & Coesmann. 1431.
- Exogyra** [Pelecypoda].
- *clarki*. Shattuck, G. B. 1906.
- *reissi*. Paulcke, W. 1781.
- Figulus** [Gastropoda].
- *cariceps*. Chartron & Coesmann. 1431.
-
- Fusus** [Gastropoda].
- *erbreichi*. Oppenheim, P. 1762.
- *texanus*. Shattuck, G. B. 1906.
- Gastrioceras** [Cephalopoda].
- *circumnodosum*. Foord, A. H. 1528.
- *circumplicatile*. Foord, A. H. 1528.
- *uelleri*. Smith, J. P. 1930.
- Gastrochaena** [Pelecypoda].
- *striatula*. Aldrich, T. H. 1321.
- Gervillea** [Pelecypoda].
- *dantzi*. Menzel, H. 1724.
- Glycymeris** [Pelecypoda].
- *haeringensis*. Dreger, J. 1456.
- *halli*. Pritchard, G. B. 1818.
- *halli* var. *intermedius* n. var. Pritchard, G. B. 1818.
- *halli* var. *paucicoelatus* n. var. Pritchard, G. B. 1818.
- Glyptoceras** [Cephalopoda].
- *crassum*. Foord, A. H. 1528.
- *difficile*. Foord, A. H. 1528.
- *obesum*. Foord, A. H. 1528.
- *occidentale*. Foord, A. H. 1528.
- *pulchellum*. Foord, A. H. 1528.
- *subquadratum*. Foord, A. H. 1528.
- *subreticulatum*. Foord, A. H. 1528.
- *subtruncatum*. Foord, A. H. 1528.
- Goniatites** [Cephalopoda].
- *delphiensis*. Kindle, E. M. 1651.
- *newsoni*. Smith, J. P. 1930.
- *scabashensis*. Kindle, E. M. 1651.

§ Also recorded in K. 2. No. 827.

- GONIORHYSIS** [Gastropoda].
 ——— ? *ortmanni*. Stanton, T. W. 1938.
 ——— ? *silberlingi*. Stanton, T. W. 1938.
- GONIOCYMENA** [Cephalopoda].
 ——— *uhligi*. Frech, F. 1543.
- GONIOLABOCCERAS** [Cephalopoda].
 ——— *welleri*. Smith, J. P. 1930.
- GRYPHAKA** [Pelecypoda].
 ——— *romantowskii* n. nom. Böhm, J. 1852.
- GYMNITES** [Cephalopoda].
 ——— *mojaisovitsi*. Diener, C. 1484.
- Gyrallina** n. subgen. [Gastropoda].
 ——— *Andraee*, A. 1326.
- GYROCCERAS** [Cephalopoda].
 ——— *farciimen*. Clarke, J. M. & Ruedemann, R. 1444.
 ——— *indianense*. Kindle, E. M. 1651.
- HIPPURITES** [Pelecypoda].
 ——— *styriacus*. Hilber, V. 1600.
- Hololobus** n. subgen. [of *Tirolites*] [Cephalopoda]. Kittl, E. 1656.
 ——— *monoptychus*. Kittl, E. 1656.
- HOMOMYA** [Pelecypoda].
 ——— *austinensis*. Shattuck, G. B. 1906.
 ——— *vulgaris*. Shattuck, G. B. 1906.
- HORMOTOMA** [Gastropoda].
 ——— *whitearsii*. Clarke, J. M. & Ruedemann, R. 1444.
- HYALINIA** [Gastropoda].
 ——— *multiaei*. Boettger, O. 1385.
 ——— *miocaenica*. Andraee, A. 1326.
 ——— *procrystallina*. Andraee, A. 1326.
 ——— *roemeri*. Andraee, A. 1326.
- HYOLITHES** [Gastropoda].
 ——— *leptus*. Chapman, F. 1429.
- ISOCCERAMUS** [Pelecypoda].
 ——— *crassus*. Petrascheck, W. 1793.
 ——— *hercynicus*. Petrascheck, W. 1793.
 ——— *laubei*. Liebs, A. 1687.
 ——— *saxonicus*. Petrascheck, W. 1793.
- ISOARCA** [Pelecypoda].
 ——— *boehmi*. Remeš, M. 1837.
- JOANNITES** [Cephalopoda].
 ——— *procerus*. Diener, C. 1484.
- KYMATITAS** [Cephalopoda].
 ——— *scilajanus*. Kittl, E. 1656.
- LAGENA** [Gastropoda].
 ——— ? *antarctica*. Weller, S. 2023.
- LEDA** [Pelecypoda].
 ——— *futtereri*. Böhm, J. 1852.
 ——— *minuta* var. *praeursor* n. var. Arnold, R. 1342.
- LEUCOCHILUS** [Gastropoda].
 ——— *ferdinandi*. Andraee, A. 1326.
- LIMA** [Pelecypoda].
 ——— *haeringensis*. Dreger, J. 1496.
 ——— *mittereri*. Dreger, J. 1496.
 ——— *quadrangularis*. Remeš, M. 1837.
 ——— *sculpturata*. Remeš, M. 1837.
 ——— *shumardi*. Shattuck, G. B. 1906.
- LIMATULA** [Pelecypoda].
 ——— *scotica*. Hind, W. 1601.
- LIMEA** [Pelecypoda].
 ——— *delanoui*. Oppenheim, P. 1764.

LENAEA [Gastropoda].

- *amplecta*. Gorjanović-Kramberger, K. [Dra-
gutin]. 1559.
- *halavatsi*. Gorjanović-Kramberger, K. [Dra-
gutin]. 1559.
- *rugosa*. Gorjanović-Kramberger, Karl. [Dra-
gutin]. 1559.
- *undulata*. Gorjanović-Kramberger, K. [Dra-
gutin]. 1559.

LITHOPHAGUS [Pelecypoda].

- *latecandatus*. Pritchard, G. B. 1818.
- Loparia** n. gen. [Pelecypoda].
Oppenheim, P. 1762.
- *kalzeri*. Oppenheim, P. 1762.

LUCINA [Pelecypoda].

- *dalmatina*. Oppenheim, P. 1762.
- *gunyoungensis*. Pritchard, G. B. 1818.
- *illyrica*. Oppenheim, P. 1762.
- *pardalina*. Oppenheim, P. 1762.
- *prominensis*. Oppenheim, P. 1762.
- *scopularis*. Casey, T. L. 1427.
- *vicksburgensis*. Casey, T. L. 1427.

LYRIA [Gastropoda].

- *nestor* n. subsp. Casey, T. L. 1427.

MAENECERAS [Cephalopoda].

- *koeneni*. Frech, F. 1543.

MAMMITES [Cephalopoda].

- *binicostatus*. Petrascheck, W. 1792.

MANGILIA [Gastropoda].

- *branneri*. Arnold, R. 1342.
- *hooveri*. Arnold, R. 1342.

MANGILIA [Gastropoda].

- *interfossa* var. *pedroana* n. var. Arnold, R. 1342.
- *oldroydi*. Arnold, R. 1342.
- *painei*. Arnold, R. 1342.
- *strongi*. Arnold, R. 1342.

MARGARITA [Gastropoda].

- *optabilis* var. *knechti* n. var. Arnold, R. 1342.
- *optabilis* var. *nodosa* n. var. Arnold, R. 1342.
- *parcicipita* var. *pedroana* n. var. Arnold, R. 1342.

MATHERIA [Pelecypoda].

- *brevis*. Whiteaves, J. F. 2025.

MEKOCERAS [Cephalopoda].

- *canavarii*. Airaghi, C. 1319.

MELANATRIA [Gastropoda].

- *peneckeii*. Oppenheim, P. 1762.

MELANIA [Gastropoda].

- *majevitzae*. Oppenheim, P. 1762.

MELANOPSIS [Gastropoda].

- *franciscæ*. Brusina, S. 1414.
- *hazayi*. Brusina, S. 1414.
- *sikorai*. Brusina, S. 1414.
- *sikorai* var. *carinata* n. var. Kormos, T. 1666.
- *stanbi*. Brusina, S. 1414.
- *themaki*. Brusina, S. 1414.
- *tóthi*. Brusina, S. 1414.
- *vidovici*. Brusina, S. 1414.

METULA [Gastropoda].

- *fastidiosa*. Casey, T. L. 1427.
- *fragilis*. Casey, T. L. 1427.

- Microdrillia** n. gen. [Gastropoda].
 Casey, T. L. 1427.
 ——— *aldrichiella*. Casey, T. L. 1427.
 ——— *biplicatula*. Casey, T. L. 1427.
 ——— *elongatula*. Casey, T. L. 1427.
 ——— *minutissima*. Casey, T. L. 1427.
 ——— *robustula*. Casey, T. L. 1427.
 ——— *rostratula*. Casey, T. L. 1427.
 ——— *solidula*. Casey, T. L. 1427.
 ——— *richsburgella*. Casey, T. L. 1427.
- MITRIFORMIS** [Gastropoda].
 ——— *intermedia*. Arnold, R. 1342.
- MURICERAS** [Cephalopoda].
 ——— *dreadnae*. Petrascheck, W. 1792.
- MURCHISONIA** [Gastropoda].
 ——— *pergamena*. Enderle, J. 1508.
 ——— *stachei*. Enderle, J. 1508.
- MYSDIOPTERA** [Pelecypoda].
 ——— *dinamica*. Bittner, A. 1378.
 ——— *emiliae*. Bittner, A. 1376.
- MYTILARCA** [Pelecypoda].
 ——— *eduliformis*. Clarke, J. M. & Ruedemann, R. 1444.
- MYTILICARDIA** [Pelecypoda].
 ——— *kalimnae*. Pritchard, G. B. 1818.
- MYTILUS** [Pelecypoda].
 ——— *mooraboolensis*. Pritchard, G. B. 1818.
- NASSA** [Gastropoda].
 ——— *cerritensis*. Arnold, R. 1342.
 ——— *vernicolor* var. *hooteri* n. var. Arnold, R. 1342.
- NATICA** [Gastropoda].
 ——— *goleana*. Dacqué, E. 1468.
 ——— *scharfhaeuli*. Oppenheim, P. 1762.
 ——— *vitellius*. Oppenheim, P. 1762.
- NATICOOPSIS** [Gastropoda].
 ——— *arthaberi*. Enderle, J. 1508.
- NATILUS** [Cephalopoda].
 ——— *hilli*. Shattuck, G. B. 1906.
 ——— *tommasii*. Airaghi, C. 1319.
 ——— *linae*. Airaghi, C. 1319.
- NEAERA** [Pelecypoda].
 ——— *egyptiaca*. Oppenheim, P. 1764.
- NERINEA** [Gastropoda].
 ——— *acutecockleata*. Broili, F. 1398.
- NIGIDUS** [Gastropoda].
 ——— *elongatus*. Chartron & Cossman. 1431.
- NUCULA** [Pelecypoda].
 ——— *haeringensis*. Dreger, J. 1496.
 ——— *hanoterensis*. Kindle, E. 1651.
- NUCULINA** [Pelecypoda].
 ——— *liatina* n. form. Bistram, A. 1375.
- Obliquipecten** n. gen. [Pelecypoda].
 Hind, W. 1601.
 ——— *laccis*. Hind, W. 1601.
- ONINEBRA** [Gastropoda].
 ——— *keipi*. Arnold, R. 1342.
 ——— *lurida* var. *cerritensis* n. var. Arnold, R. 1342.
- OSTOMIA** [Gastropoda].
 ——— *diegensis*. Arnold, R. 1342.
 ——— *grammatospira*. Arnold, R. 1342.
 ——— *scarnii*. Arnold, R. 1342.

OLCOSTEPHANUS [Cephalopoda].

——— *antarctica*. Weller, S. 2023.

OLEACTA [Gastropoda].

——— *fossilis*. Andreae, A. 1326.

OLIVELLA [Gastropoda].

——— *affluens*. Casey, T. S. 1427.

OSTROCERAS [Cephalopoda].

——— *trussum*. Clarke, J. M. & Ruedemann, R. 1444.

Palaeolima n. gen. [Pelecypoda]. Hind, W. 1601.

——— *laevis*. Hind, W. 1601.

——— *obliquiradiata*. Hind, W. 1601.

PALUDESTRINA [Gastropoda].

——— *curta*. Arnold, R. 1342.

——— *stokesi*. Arnold, R. 1342.

Paracerithium n. gen. [Gastropoda]. Chartron & Cossmann. 1431.

——— *acanthocolpum*. Chartron & Cossmann. 1431.

——— *chartroni*. Chartron & Cossmann. 1431.

——— *loxocolpum*. Chartron & Cossmann. 1431.

——— *moorei*. Chartron & Cossmann. 1431.

PARALEGOCERAS [Cephalopoda].

——— *neursoni*. Smith, J. P. 1930.

Paralytoceras n. subgen. [of *Sporadoceras*]. [Cephalopoda]. Frech, F. 1543.

PECTEN [Pelecypoda].

——— *aerophilus*. Bittner, A. 1378.

——— *amphidoxus*. Bittner, A. 1378.

——— *gemmellaroi*. Remeš, M. 1837.

——— *hammeri*. Bittner, A. 1378.

——— *jordani*. Arnold, R. 1342.

——— *latiauritus* var. *fragilis* n. var. Arnold, R. 1342.

PECTES [Pelecypoda].

——— *mentzeliae*. Bittner, A. 1378.

——— *moravicus*. Remeš, M. 1837.

——— *mülleri*. Menzel, H. 1724.

——— *neursoni*. Arnold, R. 1342.

——— *perculgatus*. Bittner, A. 1378.

——— *strambergensis*. Remeš, M. 1837.

——— *volaris*. Bittner, A. 1378.

PELTUNCULUS [Pelecypoda].

——— *raughani*. Woods, H. 2036.

PHOLADOMYA [Pelecypoda].

——— *roemerii*. Shattuck, G. B. 1906.

PHOS [Gastropoda].

——— *falsus*. Casey, T. L. 1427.

——— *macilentus*. Casey, T. L. 1427.

PINACOCERAS [Cephalopoda].

——— *aspidoides*. Diener, C. 1484.

——— *stoppanii*. Airaghi, C. 1319.

PLACUNOPSIS [Pelecypoda].

——— *strambergensis*. Remeš, M. 1837.

PLANORBIS [Gastropoda].

——— *gürichi*. Andreae, A. 1326.

——— *multiformis* var. *kochi* n. var. Kormos, T. 1666.

PLATYCERAS [Gastropoda].

——— *arkonense*. Shimer, H. W. & Grabau, A. W. 1912.

——— *blatchleyi*. Kindle, E. M. 1651.

——— *dumosum* var. *pileum* n. var. Kindle, E. M. 1651.

——— *lineare*. Kindle, E. M. 1651.

——— *ricium* var. *spinosa* n. var. Kindle, E. M. 1651.

——— *subcirculare*. Kindle, E. M. 1651.

PLEURONAUTILUS [Cephalopoda].

- *marianii*. Airaghi, C. 1319.
 —— *paronai*. Airaghi, C. 1319.

PLEUROTOMA [Gastropoda].

- *amica*. Casey, T. L. 1427.
 —— *ancilla*. Casey, T. L. 1427.
 —— *bartechi*. Arnold, R. 1342.
 —— *collaris*. Casey, T. L. 1427.
 —— *cooperi*. Arnold, R. 1342.
 —— *dalli*. Arnold, R. 1342.
 —— *evanescens*. Casey, T. L. 1427.
 —— *handella*. Casey, T. L. 1427.
 —— *hilgardi*. Casey, T. L. 1427.
 —— *hooveri*. Arnold, R. 1342.
 —— *intacta*. Casey, T. L. 1427.
 —— *nepionica*. Casey, T. L. 1427.
 —— *oblivia*. Casey, T. L. 1427.
 —— *pedroana*. Arnold, R. 1342.
 —— *plutonica*. Casey, T. L. 1427.
 —— *smithi*. Arnold, R. 1342.
 —— *vicksburgensis*. Casey, T. L. 1427.

PLEUROTOMARIA [Gastropoda].

- ? *anatolica*. Enderle, J. 1508.
 —— *bassi*. Pritchard, G. B. 1819.
 —— *lőczyi*. Schellwien, E. 1366.
 —— *stantoni*. Shattuck, G. B. 1906.
 —— *tertiari*. Pritchard, G. B. 1819.
 —— *thebensis*. Oppenheim, P. 1764.

PLICATULA [Pelecypoda].

- *rotundata*. Remeš, M. 1837.
 —— *tithonia*. Remeš, M. 1837.

POLEUMITA [Gastropoda].

- n. nom. Clarke, J. M. & Ruedemann, R. 1444.
 —— *scamnata*. Clarke, J. M. & Ruedemann, R. 1444.

POPANOCERAS [Cephalopoda].

- *ganti*. Smith, J. P. 1930.

POSIDONOMYA [Pelecypoda].

- *bosniaca*. Bittner, A. 1378.

POTERIOCERAS [Cephalopoda].

- *sauridens*. Clarke, J. M. & Ruedemann, R. 1444.

PROARCESTES [Cephalopoda].

- *stampai*. Airaghi, C. 1319.

PROCARITHIUM n. gen. [Gastropoda].
Chartron & Cossman. 1431.

- *plocophorum*. Chartron & Cossman. 1431.
 —— *potamidulum*. Chartron & Cossman. 1431.
 —— *quinquegranosum*. Chartron & Cossman. 1431.
 —— *vendaense*. Chartron & Cossman. 1431.

PRODROMITES [Cephalopoda].

- *ornatus*. Smith, J. P. 1930.

PROLECANITES [Cephalopoda].

- *gurleyi*. Smith, J. P. 1930.
 —— *kiliani*. Frech, F. 1543.
 —— *lateseptatus*. Frech, F. 1543.

PROMATHILDIA [Gastropoda].

- *terebialis*. Chartron & Cossman. 1431.
 —— *terquemi* n. nom. Bistram, A. 1375.

PRONORITES [Cephalopoda].

- *siebenthalii*. Smith, J. P. 1930.

PROTHYRIS [Pelecypoda].

- *truncata*. Cleland, H. F. 1447.

PROTOPHRAGMOCERAS [Cephalopoda].

- *patronus*. Clarke, J. M. & Ruedemann, R. 1444.

PRUVOTINA [Amphineura].

- n. nom. Cockerell, T. D. A. 1450.

PRAMMOSIA [Pelecypoda].

—— *hoesferi*. Oppenheim, P. 1762.

PSEUDAMUSIUM [Pelecypoda].

—— *concentrico-lineatum*. Hind, W. 1601.

Pseudarietites n. gen. [Cephalopoda]. Frech, F. 1543.

—— *silesiacus*. Frech, F. 1543.

PSEUDOMELANIA [Gastropoda].

—— *chartroni*. Chartron & Cossman. 1431.

—— *miliacea*. Chartron & Cossman. 1431.

PSEUDOMONOTIS [Pelecypoda].

—— *austriaca*. Bittner, A. 1377.

—— *beneckeii*. Bittner, A. 1377.

—— *bolgiensis* n. form. Bistram, A. 1375.

—— *intermedia*. Bittner, A. 1377.

—— *kittlii*. Bittner, A. 1377.

—— *lipoldi*. Bittner, A. 1377.

—— *stachei*. Bittner, A. 1377.

—— *tridentina*. Bittner, A. 1377.

PTYCHITES [Cephalopoda].

—— *charlyanus*. Diener, C. 1484.

—— *fastigatus*. Diener, C. 1484.

—— *marianii*. Airaghi, C. 1319.

—— *taramellii*. Airaghi, C. 1319.

RADIOLITES [Pelecypoda].

—— *guensis*. Dacqué, E. 1468.

SCHISTOCERAS [Cephalopoda].

—— *hyatti*. Smith, J. P. 1930.

SCHLOTHEIMIA [Cephalopoda].

—— *neumayri* n. nom. Bistram, A. 1375.

Schuchertites n. gen. [Cephalopoda]. Smith, J. P. 1930.

—— *grahami*. Smith, J. P. 1930.

SOOBINELLA [Gastropoda].

—— *famelica*. Casey, T. L. 1427.

—— *macer*. Casey, T. L. 1427.

—— *pluriplicata*. Casey, T. L. 1427.

SEMELE [Pelecypoda].

—— *pulchra montereyi*. Arnold, R. 1342.

Shumardites n. gen. [Cephalopoda]. Smith, J. P. 1930.

—— *simondsi*. Smith, J. P. 1930.

SIMPSONELLA [Pelecypoda].

—— n. nom. Cockerell, T. D. A. 1450.

Solenomorpha n. gen. [Pelecypoda]. Cockerell, T. D. A. 1449.

SOLENOMYA [Pelecypoda].

—— *haeringensis*. Dreger, J. 1496.

SOLENOPSIS [Pelecypoda].

—— [*Solenomorpha*] *major*. Hind, W. 1603.

Sphenoceras n. subgen. [Cephalopoda]. Foord, A. H. 1528.

SPONDYLUS [Pelecypoda].

—— *redlichi*. Oppenheim, P. 1762.

SPORADOCERAS [Cephalopoda].

—— *pseudosphæricum*. Frech, F. 1543.

Stacheites n. gen. [Cephalopoda]. Kittl, E. 1656.

—— *prionoides*. Kittl, E. 1656.

Syllajites n. subgen. [of *Tirolites*] [Cephalopoda]. Kittl, E. 1656.

—— *cingulatus*. Kittl, E. 1656.

—— *tietzei*. Kittl, E. 1656.

SYNOCYCLONEMA [Pelecypoda].

—— *carboniferum*. Hind, W. 1601.

TELLINA [Pelecypoda].

—— *gumbeli*. Dreger, J. 1496.

—— *pilsbryi*. Casey, T. L. 1427.

THRACIA [Pelecypoda].

- *hoernesii*. Oppenheim, P. 1762.
 ——— *prominensis*. Oppenheim, P. 1702.

TIROLITES [Cephalopoda].

- *angustilobatus*. Kittl, E. 1656.
 ——— *angustus*. Kittl, E. 1656.
 ——— *bittneri*. Kittl, E. 1656.
 ——— *cingulatus*. Kittl, E. 1656.
 ——— *dimidiatus*. Kittl, E. 1656.
 ——— *distans*. Kittl, E. 1656.
 ——— *heterophanus*. Kittl, E. 1656.
 ——— *hybridus*. Kittl, E. 1656.
 ——— *kernerii*. Kittl, E. 1656.
 ——— *malici*. Kittl, E. 1656.
 ——— *monoptychus*. Kittl, E. 1656.
 ——— *multispinatus*. Kittl, E. 1656.
 ——— *paucispinatus*. Kittl, E. 1656.
 ——— *percostatus*. Kittl, E. 1656.
 ——— *repulsus*. Kittl, E. 1656.
 ——— *robustus*. Kittl, E. 1656.
 ——— *rotiformis*. Kittl, E. 1656.
 ——— *serratelobatus*. Kittl, E. 1656.
 ——— *spinosior*. Kittl, E. 1656.
 ——— *stachei*. Kittl, E. 1656.
 ——— *subillyricus*. Kittl, E. 1656.
 ——— *telleri*. Kittl, E. 1656.
 ——— *tietzei*. Kittl, E. 1656.
 ——— *toulai*. Kittl, E. 1656.
 ——— *undulatus*. Kittl, E. 1656.

TORNOCERAS [Cephalopoda].

- *acutum*. Frech, F. 1543.
 ——— *bertrandi*. § Frech, F. 1543.
 ——— (*Epitornoceras*) *irideum*. § Frech, F. 1543.
 ——— *haugi*. Frech, F. 1543.

TORNOCERAS [Cephalopoda].

- *holzapfeli*. Frech, F. 1543.
 ——— *loeschmanni*. Frech, F. 1543.
 ——— *rerae*. Frech, F. 1543.

TRIGONIA [Pelecypoda].

- *acuta*. Kitchin, F. L. 1651.
 ——— *brevicostata*. Kitchin, F. L. 1654.
 ——— *cardiniiformis*. Kitchin, F. L. 1654.
 ——— *chariensis*. Kitchin, F. L. 1654.
 ——— *crassa*. Kitchin, F. L. 1654.
 ——— *crenulata* var. *peruana* n. var. Paulcke, W. 1781.
 ——— *dhosaensis*. Kitchin, F. L. 1654.
 ——— *distincta*. Kitchin, F. L. 1654.
 ——— *dubia*. Kitchin, F. L. 1654.
 ——— *exoriva*. Kitchin, F. L. 1654.
 ——— *gracilis*. Kitchin, F. L. 1654.
 ——— *hispida*. Kitchin, F. L. 1654.
 ——— *jumarensis*. Kitchin, F. L. 1654.
 ——— *mamillata*. Kitchin, F. L. 1654.
 ——— *molenegraaffi*. Newton, R. B. 1746.
 ——— *nepos*. Paulcke, W. 1781.
 ——— *nitida*. Kitchin, F. L. 1654.
 ——— *parva*. Kitchin, F. L. 1654.
 ——— *progonos*. Paulcke, W. 1781.
 ——— *propinqua*. Kitchin, F. L. 1654.
 ——— *prora*. Kitchin, F. L. 1654.
 ——— *pulchra*. Kitchin, F. L. 1654.
 ——— *recurva*. Kitchin, F. L. 1654.

§ Also recorded in K. 2. No. 827.

TRIAGONIA [Pelecypoda].

- *remota*. Kitchin, F. L. 1654.
 ————— *retrorsa*. Kitchin, F. L. 1654.
 ————— *semiundulata* var. *granosa* n. var. Pritchard, G. B. 1818.
 ————— *semiundulata* var. *lutea* n. var. Pritchard, G. B. 1818.
 ————— *spissicostata*. Kitchin, F. L. 1654.
 ————— *tenuis*. Kitchin, F. L. 1654.
 ————— *trapeziformis*. Kitchin, F. L. 1654.
 ————— *tumida*. Kitchin, F. L. 1654.
 ————— *v-scripta*. Kitchin, F. L. 1654.

TROCHUS [Gastropoda].

- *dabricsensis*. Oppenheim, P. 1762.

TROPHON [Gastropoda].

- *cerritensis*. Arnold, R. 1342.
 ————— *pedroana*. Arnold, R. 1342.
 ————— *stuarti* var. *praecursor* n. var. Arnold, R. 1342.

TURBONILLA [Gastropoda].

- *adleri*. Arnold, R. 1342.
 ————— *arnoldi*. Arnold, R. 1342.
 ————— *auricoma*. Arnold, R. 1342.
 ————— *latifundia*. Arnold, R. 1342.
 ————— *louei*. Arnold, R. 1342.
 ————— *louei* var. *pedroana* n. var. Arnold, R. 1342.
 ————— *pentalopha*. Arnold, R. 1342.
 ————— *risso* n. nom. Arnold, R. 1342.
 ————— *stearnsii*. Arnold, R. 1342.

TURBITELLA [Gastropoda].

- *budaensis*. Shattuck, G. B. 1906.
 ————— *prominensis*. Oppenheim, P. 1762.

UMBRACULUM [Gastropoda].

- *elevatum*. Aldrich, T. H. 1321.

UNIO [Pelecypoda].

- *aesopiformis*. Whitfield, R. P. 2026.
 ————— *brogni*. Whitfield, R. P. 2026.
 ————— *douglassi*. Stanton, T. W. 1938.
 ————— *farri*. Stanton, T. W. 1938.
 ————— *percorrugata*. Whitfield, R. P. 2026.
 ————— *postbiplicata*. Whitfield, R. P. 2026.
 ————— *retusoides*. Whitfield, R. P. 2026.
 ————— *verrucosiformis*. Whitfield, R. P. 2026.

VALENCIENNESIA [Gastropoda].

- *alta*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *arthaberi*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *intermedia*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *kiseljaki*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *langhofferi*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *limnaeoides*. Gorjanović - Kramberger, K. [Dragutin]. 1559.
 ————— *scharfziki*. Gorjanović - Kramberger, K. [Dragutin]. 1559.

VENERICARDIA [Pelecypoda].

- *vicksburgensis*. Casey, T. L. 1427.

VENUS [Pelecypoda].

- *prior*. Oppenheim, P. 1762.

VIVIPARUS [Gastropoda].

- *montanaensis*. Stanton, T. W. 1938.

VULSELLA [Pelecypoda].

——— *moravica*. Remeš, M. 1837.

WAAGENOCERAS [Cephalopoda].

——— *hilli*. Smith, J. P. 1930.

XENODISCUS [Cephalopoda].

——— *tanguticus*. Schellwien, E.
1865. 1866.

2431 ARTHROPODA.

CHELIPHLEBIA [Neuropteroidea].

——— *extensa*. Melander, A. L.
1722.

DIOTYONEURA [Orthopteroidea].

——— *clarinervis*. Melander, A. L.
1722.

DIECONEURA [Neuropteroidea].

——— *maxima*. Melander, A. L.
1722.

EUCAENUS [Neuropteroidea].

——— *attenuatus*. Melander, A. L.
1722.

——— *maonus*. Melander, A. L.
1722.

Megablattina n. gen. [Orthopteroidea].
Sellards, E. H. 1897.

——— *beecheri*. Sellards, E. H.
1897.

Petromartus n. gen. [Neuropteroidea].
Melander, A. L. 1722.

——— *indistinctus*. Melander,
A. L. 1722.

Protodictyon n. gen. [Neuropteroidea].
Melander, A. L. 1722.

——— *pulchripenne*. Melander,
A. L. 1722.

2631 CRUSTACEA.

Andorina n. gen. [Malacostraca].
Lörenthey, E. 1691.

——— *elegans*. Lörenthey, E.
1691.

BETRICHIA [Ostracoda].

——— *kilmoriensis*. Chapman,
1429.

——— *ligatura*. Chapman, 1429.

——— *longibranchiatus*. Chapman,
F. 1429.

——— *maccoyiana* var. *australiae*
n. var. Chapman, F.
1429.

——— *wooriyallockensis*. Chapman,
F. 1429.

BYTHOOCYTHERE [Ostracoda].

——— *laevigata*. Egger, J. G.
1504.

CARYOCARIS [Phyllocarida].

——— *angusta*. Chapman, F.
1429.

CERATIOCARIS [Phyllocarida].

——— (Limnocaris) *praecedens*.
Clarke, J. M. 1442.

COELOMA [Decapoda].

——— *bicarinatum*. Ravn, J. P. J.
1823.

CYTHERE [Ostracoda].

——— *lineopunctata*. Egger, J. G.
1504.

——— *signata*. Egger, J. G.
1504.

——— *spinea*. Egger, J. G. 1504.

——— *sulcifera*. Egger, J. G.
1504.

Darányia n. gen. [Malacostraca].
Lörenthey, E. 1691.

——— *granulata*. Lörenthey, E.
1691.

EMMELEZOE [Phyllocarida].

——— *decora*. Clarke, J. M.
1442.

ESTHERIA [Phyllocarida].

——— *ortonii*. Clarke, J. M.
1442.

EUCYTHERE [Ostracoda].

——— *lienenklausi*. Egger, J. G.
1504.

GLYPHAEA [Decapoda].

——— *stokesi*. Weller, S. 2023.

HOPLOPARIA [Decapoda].

—— *groenlandica*. Ravn, J. P.
J. 1823.

KITHRE [Ostracoda].

—— *alvens*. Egger, J. G.
1504.

—— *praelonga*. Egger, J. G.
1504.

—— *radiolata*. Egger, J. G.
1504.

LOXOCOONCHA [Ostracoda].

—— *aerulata*. Egger, J. G.
1504.

Palaeomunida n. gen. [Malacostraca].
Lörenthey. 1690.

—— *defecta*. Lörenthey. 1690.

Palaeosphaeroma n. gen. [Edrioph-
thalma]. Remeš, M. 1137.

PHYLOTREMIDES [Malacostraca].

—— *steinmanni*. Lörenthey.
1690.

POSTOCTYPRIS [Ostracoda].

—— *caudata*. Egger, J. G.
1540.

—— *ursulae*. Egger, J. G.
1503.

PSEUDOCYTHERE [Ostracoda].

—— *spinosa*. Egger, J. G.
1504.

RANINA [Malacostraca].

—— *bittneri*. Lörenthey. 1690.

Rhinopterocaris n. gen. [Phyllocarida].
Chapman, F. 1429.

—— *maccayi*. Chapman, F.
1429.

Ribeirella n. gen. Schubert, R. J. &
Waagen, L. 1881.

RIBEIRIA.

—— *apusoides*. Schubert, R. J. &
Waagen, L. 1881.

—— *inflata*. Schubert, R. J. &
Waggen, L. 1881.

SACCOCARIS [Phyllocarida].

—— *tetragona*. Chapman, F.
1429.

SPHAEROMA [Edriophthalma].

—— *strambergensae*. Remeš, M.
1837.

Telphusograpsus n. gen. [Malacos-
traca]. Lörenthey. 1690.

—— *laevis*. Lörenthey. 1690.

ZANTHOPSIS [Decapoda].

—— *cretacea*. Branner, J. C.
1397.

**2831 XIPHOSURA, EURIPTERIDA,
TRILOBITA.****ACIDASPIS** [Trilobita].

—— *whitfieldi*. Hitchcock, C. H.
1606.

AGNOSTUS [Trilobita].

—— *elkedraensis*. Etheridge, R.
1517.

—— *girtanensis*. Reed, F. R. C.
1829.

AMPYX [Trilobita].

—— *drummockensis*. Reed,
F. R. C. 1829.

ASAPHUS [Trilobita].

—— *instabilis*. Reed, F. R. C.
1829.

DIONIDE [Trilobita].

—— *richardsoni*. Reed, F. R. C.
1829.

GRIFFITHIDES [Trilobita].

—— *tapajotensis*. Katzer, F.
1640.

MICRODISCUS [Trilobita].

—— *significans*. Etheridge, R.
1517.

Notasaphus n. gen. [Trilobita].
Gregory, J. W. 1572.

—— *fergusoni*. Gregory, J. W.
1572.

PSEUDONISCUS [Xiphosura].

—— *roosevelti*. Clarke, J. M.
1442.

REMOFLEXIDES [Trilobita].

- *bicornis*. Reed, F. R. C.
1829.
- *correctus*. Reed, F. R. C.
1829.
- *salleri* var. *girvanensis* n.
var. Reed, F. R. C.
1829.

SCHMARIA [Trilobita].

- *scoticus*. Reed, F. R. C.
1829.

Teraterhynchus n. subgen. [Trilobita].
Reed, F. R. C. 1829.**TRISCOLETS** [Trilobita].

- *subradiatus*. Reed, F. R. C.
1829.

3031 ARACHNIDA.**ANTHRACOSIRO** n. g. [Anthracomarti].

- *woodwardi*. Pocock, R. I.
1804.
- *fritschii* n. sp. Pocock, R. I.
1805.

Hadrachne n. gen. [Anthracomarti].
Melander, A. L. 1722.

- *horribilis*. Melander, A. L.
1722.

KUSTARACHNE [Anthracomarti].

- *extincta*. Melander, A. L.
1722.
- *nulcata*. Melander, A. L.
1722.

5431 PISCES.**ACROGNATHUS** [Actinopterygii].

- *dodgei*. Hay, O. P. 1591.

ACROLEPIS [Actinopterygii].

- *molymexi*. Woodward, A.
Smith. 2046.

AIPICHTHYS [Actinopterygii].

- *formosus*. Hay, O. P.
1591.

Anguillivus n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *lethobratus*. Hay, O. P.
1591.

- *quadripinnatus*. Hay, O. P.
1591.

COCCHOUS [Actinopterygii].

- *languis*. Hay, O. P.
1591.

COCOOSTEUS [Archrodina].

- *angustus*. Traquair, R. H.
1982.

CYTESOTHESSA [Actinopterygii].

- *signifer*. Hay, O. P. 1591.

DORCETIS [Actinopterygii].

- *laticatulus*. Woodward,
A. S. 2041.
- *maximus*. Woodward, A. S.
2041.

Euchelion n. gen. [Actinopterygii].
Hay, O. P. 1591.

- *montium*. Hay, O. P.
1591.

ESCHOMUS [Actinopterygii].

- *sacrus*. Hay, O. P. 1591.

Eubiodectes n. gen. [Actinopterygii].
Hay, O. P. 1591.**Gemündina** n. gen. Traquair, R. H.
1982.

- *sturtzi* n. sp. Traquair, R. H.
1982.

GINGLYMOSTOMA [Selachii].

- *blanckenhorni*. Stromer, E.
1958.

Helicoprion n. gen. Van de Wiele, C.
1997.**LEPTOTRACHELUS** [Actinopterygii].

- *serpentinus*. Hay, O. P.
1591.

LISTRACANTHUS [Ichthyodurulites].

- *wardi*. Woodward, A. S.
2038.

MICROCOELIA [Actinopterygii].

- *dayi*. Hay, O. P. 1591.

OMEROIDES [Actinopterygii].

- *ornatus*. Hay, O. P. 1591.
 —— *postinagus*. Hay, O. P. 1591.

PELYCIAESASPIS [Arthrodira].

- *germanica*. Traquair, R. H. 1982.

PROTOSPHYRAESA [Actinopterygii].

- *sequax*. Hay, O. P. 1590.

PTYCHOSTERIX [Actinopterygii].

- *levispinosus*. Hay, O. P. 1591.

RAJA [Selachii].

- *whitfieldi*. Hay, O. P. 1591.

Ramphodus n. gen. [Holocephali].

- Jaekel, O. 1622.

Rhinodon n. gen. [Holocephali].

- Jaekel, O. 1622.

RHINODON [Actinopterygii].

- *delicatus*. Hay, O. P. 1591.

RHINODON [Actinopterygii].

- *eretes*. Hay, O. P. 1591.

RHINODON [Actinopterygii].

- *imbellis*. Hay, O. P. 1590.

SAURICHTHYS [Actinopterygii].

- *latifrons*. Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.
 —— *lepidosteoides*. Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.

SCLEPORHYNCHUS [Plagiostomi].

- *hiram*. Hay, O. P. 1591.
 —— *sentus*. Hay, O. P. 1591.
 —— *solomonis*. Hay, O. P. 1591.

Stenoprotome n. gen. [Actinopterygii].

- Hay, O. P. 1591.

- *hamata*. Hay, O. P. 1591.

(K-653)

URENOMYS [Actinopterygii].

- *germanica*. Hay, O. P. 1591.

5631 REPTILIA AND BATRACHIA.**BAPTASOMYS** [Ichthyosauria].

- *germanica*. Knight, W. C. 1634.

BRACHIOSAURUS [Dinosauria].

- *lucasi*. Lucas, F. A. 1703.

Brachiosaurus n. gen. [Dinosauria].

- Riggs, E. S. 1849.

- *delicatus*. Riggs, E. S. 1849.

Castroia n. gen. [Chelonina].

- Stefano De, G. 1944.

- *munieri*. Stefano De, G. 1944.

CLAOSAUROS [Dinosauria].

- ? *agnis*. Wieland, G. R. 2028.

CLEMMYS [Chelonina].

- *hesperia*. Hay, O. P. 1589.

- *saxea*. Hay, O. P. 1589.

DEUTEROSAURUS [Anomodontia].

- *seeleyi*? n. sp. Nopce, F. jun. 1749.

Diceratosaurus n. gen. Jaekel, O. 1623.**DIPLODOCUS** [Dinosauria].

- *carnegii*. Hatcher, J. B. 1581.

EKBAINACANTHUS n. gen. [Stegocephalia].

- *tschernyschewi* n. sp. Gakowlew, N. 1625.

EUCLASTES [Chelonina].

- *kochi*. Lörenthey, I. 1603.

HAPLOCANTHOSAURUS [Dinosauria].

- *utterbaeki*. Hatcher, J. B. 1583.

■

- Haplocanthus** n. gen. [Dinosauria].
Hatcher, J. B. 1585.
——— *priscus*. Hatcher, J. B. 1585.
- Ictidosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
——— *angusticeps*. Broom, R. 1406.
- Leptocheirus** n. gen. [Ichthyosauria].
Merriam, J. C. 1726.
——— *zitteli*. Merriam, J. C. 1726.
- Lycosuchus** [Anomodontia].
——— *mackayi*. Broom, R. 1406.
- Opetiosaurus** n. gen. [Lacertilia].
Kornhuber, A. 1667.
——— *bucchichi*. Kornhuber, A. 1667. 1668.
- Ornitholestes** n. gen. [Dinosauria].
Osborn, H. F. 1767.
——— *hermanni*. Osborn, H. F. 1767.
- Paliguana** n. gen. [Lacertilia]. Broom, R. 1408.
——— *whitei*. Broom, R. 1408.
- PELOMEDUSA** [Chelonina].
——— *pliocaenica*. Reinach, A. von. 1833.
——— *progaleata*. Reinach, A. von. 1833.
- PODOCNEMIS** [Chelonina].
——— *antiqua*. Andrews, C. W. 1328a.
——— *blanckenhorni*. Reinach, A. von. 1833. 1834.
——— *fajumensis*. Andrews, C. W. 1328a.
——— *stromeri*. Reinach, A. von. 1833. 1834.
- Proneusticosaurus** n. gen. [Sauropterygia]. Volz, W. 2011.
——— *madelungi*. Volz, W. 2011.
——— *silesiacus*. Volz, W. 2011.
- PROTESUCHUS** [Anomodontia].
——— *fergusi*. Broom, R. 1407.
- Scylacosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
——— *sclateri*. Broom, R. 1406.
- Scymnosaurus** n. gen. [Anomodontia].
Broom, R. 1406.
——— *ferox*. Broom, R. 1406.
- SHASTASAURUS** [Ichthyopterygia].
——— *alexandrae*. Merriam, J. C. 1725.
——— *altispinus*. Merriam, J. C. 1725.
——— *careyi*. Merriam, J. C. 1725.
——— *osmonti*. Merriam, J. C. 1725.
——— *perrini*. Merriam, J. C. 1725.
- STEREOGENYS** [Chelonina].
——— *cromeri*. Andrews, C. W. 1328a.
——— *libyca*. Andrews, C. W. 1328a.
——— *podocnemoides*. Reinach, A. von. 1833. 1834.
- STERNOTHAERUS** [Chelonina].
——— *dewitzianus*. Reinach, A. von. 1833. 1834.
- STYLEMYS** [Chelonina].
——— *bottii*. Stefano (De), G. 1941.
——— *calaverensis*. Sinclair, W. J. 1923.
- TITANOSUCHUS** [Anomodontia].
——— *cloetei*. Broom, R. 1404.
- Toretocnemus** n. gen. [Ichthyosauria].
Merriam, J. C.
——— *californicus*. Merriam, J. C. 1726.
- TRIONYX** [Chelonina].
——— *clavatomarginatus*. Lörenthey, J. 1693.
——— *pliocaenicus*. Reinach, A. von. 1833. 1834.
——— *senckenbergianus*. Reinach, A. von. 1833. 1834.

ZATRACHYS [Stegoccephalia].

———— *crucifer*. Case, E. C.
1426.

5631 AVES.

Mazacra n. gen. [Alcae]. Lucas, F. A.
1704.

———— *californiensis*. Lucas, F. A.
1704.

6031 MAMMALIA.**ACERATHERIUM** [Ungulata].

———— *bavaricum*. Stromer von
Reichenbach, E. 1960.

AGRIOCHOERUS [Ungulata].

———— *maximus*. Douglass, E.
1488.

———— *minus*. Douglass, E.
1488.

ALCICEPHALUS [Ungulata].

———— *sinensis*. Schlosser, M.
1869.

ANCHITHERIUM [Ungulata].

———— *zittelii*. Schlosser, M. 1869.

Apternodus n. gen. [Insectivora].
Matthew, W. D. 1719.

———— *mediaevus*. Matthew, W. D.
1719.

Arretotherium n. gen. [Rodentia].
Douglass, E. 1488.

———— *acridens*. Douglass, E.
1488.

Bathygenys n. gen. [Ungulata].
Douglass, E. 1488.

———— *alpha*. Douglass, E. 1488.

BUNAEURUS [Carnivora].

———— *infelix*. Matthew, W. D.
1719.

Cervavus n. gen. [Ungulata]. Schlosser,
M. 1869.

———— *ruimygeri*. Schlosser, M.
1869.

———— *speciosus*. Schlosser, M.
1869.

COLODON [Ungulata].

———— *cinquatus*. Douglass, E.
1488.

Cylindrodon n. gen. [Rodentia].
Douglass, E. 1488.

———— *foulis*. Douglass, E. 1488.

CYNODICTIS [Carnivora].

———— *paterculis*. Matthew, W. D.
1719.

DIPLOIDES [Rodentia].

———— *majori*. Schlosser, M. 1869.

DRYOPITHECUS [Primates].

———— *darwini*. Abel, O. 1314.

ELEPHAS [Ungulata].

———— *cypristes*. Bate, D. M. A.
1351.

EUCINEPELTUS [Edentata].

———— *complicatus*. Brown, B.
1411.

EUCROTAPHUS [Ungulata].

———— *helenae*. Douglass, E.
1488.

EUMYS [Rodentia].

———— *minor*. Douglass, E. 1488.

GAZELLA [Ungulata].

———— *altidens*. Schlosser, M.
1869.

———— *dorcadoides*. Schlosser, M.
1869.

———— *palaeosinensis*. Schlosser,
M. 1869.

GENETTA [Carnivora].

———— *plexictoides*. Bate, D. M. A.
1352.

Glyptotherium n. gen. [Edentata].
Osborn, H. F. 1768.

———— *texarum*. Osborn, H. F.
1768.

Griphopithecus n. gen. [Primates].
Abel, O. 1314.

———— *sucasi*. Abel, O. 1314.

HYAENA [Carnivora].

———— *gigantea*. Schlosser, M.
1869.

- HYAENODON** [Carnivora].
 ——— *minutus*. Douglass, E. 1488.
 ——— *montanus*. Douglass, E. 1488.
- Hyaenognathus** n. gen. [Carnivora].
 Merriam, J. C. 1727.
 ——— ? *dubius*. Merriam, J. C. 1727.
 ——— *pachyodon*. Merriam, J. C. 1727.
- HYPOGEOMIS** [Rodentia].
 ——— *australis*. Grandidier, G. 1569.
- IOTOPS** [Insectivora].
 ——— *acutidens*. Douglass, E. 1488.
 ——— *thomsoni*. Matthew, W. D. 1719.
- ISCHYROMYS** [Rodentia].
 ——— *reterior*. Matthew, W. D. 1719.
- LEPTOTRAGULUS** [Ungulata].
 ——— *profectus*. Matthew, W. D. 1719.
- Limnenetes** n. gen. [Ungulata].
 Douglass, E. 1488.
 ——— ? *anceps*. Douglass, E. 1488.
 ——— *platyceps*. Douglass, E. 1488.
- LOPHIODON** [Ungulata].
 ——— *sardus*. Bosco, C. 1390.
- LUTRA** [Carnivora].
 ——— *brachygnathus*. Schlosser, M. 1869.
- MACHAIRODUS** [Carnivora].
 ——— *horribilis*. Schlosser, M. 1869.
- MASTODON** [Ungulata].
 ——— *lydekkeri*. Schlosser, M. 1869.
- MEGALOHYRAX** [Ungulata].
 ——— *cocenus*. Andrews, C. W. 1331.
- MELES** [Carnivora].
 ——— *taxipater*. Schlosser, M. 1869.
- Micropternodus** n. gen. [Insectivora].
 Matthew, W. D. 1719.
 ——— *borealis*. Matthew, W. D. 1719.
- Mylagaulodon** n. gen. [Rodentia].
 Sinclair, W. J. 1922.
 ——— *angulatus*. Sinclair, W. J. 1922.
- Neohipparion** n. gen. [Ungulata].
 Gidley, J. W. 1554.
 ——— *whitneyi*. Gidley, J. W. 1554.
- NEOPITHECUS** [Primates].
 ——— n. nom. Abel, O. 1314.
- OREODON** [Ungulata].
 ——— *robustum*. Douglass, E. 1488.
- OVIS** [Ungulata].
 ——— *mannhardi* n. form. Toula, F. 1976.
- PALAEOLAGUS** [Rodentia].
 ——— *brachyodon*. Matthew, W. D. 1719.
 ——— *temnodon*. Douglass, E. 1488.
- PALAEOREAS** ? [Ungulata].
 ——— *sinensis*. Schlosser, M. 1869.
- Paraboselaphus** n. gen. [Ungulata].
 Schlosser, M. 1869.
 ——— *ameghinoi*. Schlosser, M. 1869.
- Paracamelus** n. gen. [Ungulata].
 Schlosser, M. 1869.
 ——— *gigas*. Schlosser, M. 1869.
- Paramylodon** n. gen. [Edentata].
 Brown, B. 1412.
 ——— *nebrascensis*. Brown, B. 1412.
- PERATHERIUM** [Marsupialia].
 ——— *titanelix*. Nattler, W. D. 1719.

PLATYOMYS [Ungulata].

—— *texanus*. Gidley, J. W.
1555.

PLESIADDA [Ungulata].

—— *depereti*. Schlosser, M.
1869.

Porthocyon n. gen. [Carnivora].
Merriam, J. C. 1727.

Proamphicyon n. gen. [Carnivora].
Hatcher, J. B. 1582.

—— *nebrascensis*. Hatcher, J. B.
1582.

PROGENETTA [Carnivora].

—— *certa*. Major, C. I. F. 1710.

Prosciurus n. subgen. [Rodentia].
Matthew, W. D. 1719.

Protemnocyon n. gen. [Carnivora].
Hatcher, J. B. 1582.

—— *inflatus*. Hatcher, J. B.
1582.

Proterix n. gen. [Insectivora].
Matthew, W. D. 1720.

—— *loomisi*. Matthew, W. D.
1720.

Protetraceros n. gen. Schlosser, M.
1869.

—— *gaudryi*. Schlosser, M.
1869.

Pseudobos n. gen. [Ungulata]. Schlosser,
M. 1869.

—— *gracilidens*. Schlosser, M.
1869.

—— *intermedius*. Schlosser, M.
1869.

PTERODON [Carnivora].

—— *africanus*. Andrews, C. W.
1331.

RHINOCEROS [Ungulata].

—— *brancoi*. Schlosser, M. 1869.

—— *habereri*. Schlosser, M.
1869.

—— *hundsheimensis* n. form.
Toula, F. 1975. 1977.

SCIURUS [Rodentia].

—— *jeffersoni*. Douglass, E.
1488.

—— *vetustus*. Matthew, W. D.
1719.

SPALAX [Rodentia].

—— *fruttschi*. Nehring, A. 1737.

STENEOFIBER [Rodentia].

—— *complexus*. Douglass, E.
1488.

—— *hesperus*. Douglass, E.
1488.

STIBARUS [Ungulata].

—— *montanus*. Matthew, W. D.
1719.

STREPSICEROS [Ungulata].

—— *annectens*. Schlosser, M.
1869.

—— *praeursor*. Schlosser, M.
1866.

Sus [Ungulata].

—— *hystherioides*. Schlosser, M.
1869.

—— *microdon*. Schlosser, M.
1869.

—— *stehleni*. Schlosser, M. 1869.

TRAGOCEROS [Ungulata].

—— *gregarius*. Schlosser, M.
1869.

—— *kokeni*. Schlosser, M. 1869.

—— *spectabilis*. Schlosser, M.
1869.

—— *syltraticus*. Schlosser, M.
1869.

TROCHARION [Carnivora].

—— *albanense*. Major, C. I. F.
1710.

TROCHICTIS [Carnivora].

—— *depereti*. Major, C. I. F.
1710.

—— *pusilea*. Major, C. I. F.
1710.

VULPES [Carnivora].

—— *sinensis*. Schlosser, M.
1869.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL. INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der königl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 12-15. Leipzig (W. Engelmann), 1903, (132 + 294 + 161 + 48). 26 cm.

Bommer, Ch. Les causes d'erreur dans l'étude des empreintes végétales. Bruxelles (Hayez), 1903, (1-33, pl. 1-X hors texte). 4to.

Clarke, C. B. Excursion to Kew Gardens. London, Proc. Geol. Ass., **18**, (3), 1903, (164).

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Jerosch, Marie Chr. Geschichte und Herkunft der schweizerischen Alpenflora. Eine Uebersicht über den gegenwärtigen Stand der Frage. Leipzig (W. Engelmann), 1903, (VI + 253, mit Tab.) 8 M.

95.6500 GYMNOSPERMS.

Henning, Ernst. Kauriharz. Tropenpflanze, Berlin, **6**, 1902, (146-149).

Schlechtendal, D. von. *Thuja occidentalis-thuringiaca* [n. sp.]. Zs. Natw., Stuttgart, **75**, 1903, (33-42, mit 3 Taf.).

Sukatscheff, W. Ueber das Vorkommen der Kiefer im subfossilen Zustande im südöstlichen Russland. Bot. Jahrb., Leipzig, **33**, 1903, Beiblatt Nr 72, (12-14).

g NORTH AMERICA.

gg North Eastern United States.

Lawson, Publius V. Preliminary notice of the forest beds of the Lower

Fox. [Wis.]. Milwaukee. Bull. Wis. Nat. Hist. Soc., (N. Ser.), **2**, 1902, (170-173).

95.6700 VASCULAR CRYPTO- GAMS.

g NORTH AMERICA.

gg North Eastern United States.

Shimek, B[ohumil]. I. *Pyramidula shimckii* (Pils.) Shim. II. The Iowa Pteridophyta. Iowa City, Iowa, Bull. Univ., Lab. Nat. Hist., **5**, 1901, (130-170).

95.7000 MOSSES.

g NORTH AMERICA.

gi Western United States.

Holzinger, John M. On some fossil mosses [Species of *Hypnum* from the Kansas drift of Iowa]. Bryologist, Brooklyn, N.Y., **6**, 1903, (93-94).

95.7400 ALGAE AND SCHIZOPHYCEAE.

Pantocsek, Josef. Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szilacs in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.). 23 cm. 7 M.

d EUROPE.

dc German Empire.

Heiden. Die Diatomaceen aus den postglacialen Ablagerungen des Warnemünder Hafenbaus. 2. Beitrag zur Kenntnis der Litorinaseeflora in den Ablagerungen an der mecklenburgischen Küste. [In: E. Geinitz, Die geolog. Aufschlüsse des neuen Warnemünder Hafenbaues.] Rostock, Mitt. geol. Landesanst., **14**, 1902, (7-30).

Reichelt, Hugo. Zur Diatomeenflora des Schöbsees bei Plön. Plön, Forsch.-Ber. biol. Stat., **10**, 1903, (194-200).

PALAEOBOTANY.

B. BOTANICAL CLASSIFICATION.

5000 GENERAL PALÆO-BOTANY.

5000.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Lagenostoma. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Pachyteta. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Stephanospermum. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Torreya. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Zamia. Smedley, H. E. H. London, Q. J. Geol. Soc., **59**, 1903, (Proc. vii).

Celastrorhynchium elegans. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Eucalyptus? dubia n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Ficus neurocarpa n. sp. Hollick, A. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (102-105, with text-fig.).

Laurus hollickii n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Magnolia palaeopetala n. sp. Hollick, A. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (102-105, with text-fig.).

Myrica heerii n. sp. Berry, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

Nelumbo primaeva n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Populus tenuifolius n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Quercus hollickii n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Rhamnus novae-caesareae n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Salix mattenianensis n. sp. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Sassafras. Berry, E. W. Chicago, Ill., Bot. Gaz. Univ. Chic., **34**, 1902, (426-450, with pl. and 4 fig.).

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Liriodendron. Berry, E. W. New York, N.Y., Torrey Bot. Cl., **3**, 1903, (129-132, with pl.).

5400.75 CRETACEOUS.

Aralia. Berry, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Sterculia nn. spp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

Viburnum hollickii n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

5400.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Alnus kumiana n. sp. **Palibin**, I. St. Petersburg, Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

Paliurites martyi n. sp. **Langeron**, M. Autun, Bul. soc. hist. nat., **15**, 1902, (85-96, av. 2 pl.).

Quercus nn. spp. **Palibin**, I. St. Petersburg, Verh. Russ. mineral. Ges., **40**, 1902 (1903), (453-467).

6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

Palmoxylon n. gen. *P. cheyennense* n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **15**, 1903, (211-216).

Phragmites ? *cliffwoodensis* n. sp. **Berry**, E. W. New York, N.Y., Bull. Bot. Gard., **3**, 1903, (45-103, with pl.).

6000.85 LOWER CAENOZOIC
(EOCENE OLIGOCENE).

Poacites lepidoides n. sp. **Engelhardt**, Wien, Beitr. Pal. Geol. OstÜng., **14**, 1902, (163-184, mit 4 Taf.).

6500 GYMNOSPERMS.

6500.55 UPPER PALAEOZOIC.

Psugmophyllum kidstoni n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (93, with pl. XII and fig. 1).

(κ-653)

6500.55 TRIASSIC.

Baiera stormbergensis n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (64, with pl. VIII and figs. 3).

Phoenicopsis elongatus (Morris). **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (67, with pl. IX and figs. 1, 9, 10).

Stachyopitis sp. cf. *Sphenolepis rhuetica* Geitn. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (66, with pl. IX and figs. 2, 2a).

6500.70 JURASSIC.

Araucarioxylon virginianum. **Knowlton**, F. H. Washington, D.C., Dept. Int., Rep. U.S. Geol. Surv., **21**, pt. 3, 1901, (161-162).

6500.76 CRETACEOUS.

Araucarites rogersi n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (37, with pl. VI and figs. 4-7).

Bennstedtia sp. . . . (Fliche). **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (35, with pl. V and fig. 2 and Text-fig. 5).

Brachyphyllum sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (40, with pl. VI and figs. 13, 18).

Conites sp. (?) **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (41, with pl. and figs. 2, 2a).

Cycadolepis jenkinsiana, Tate. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 3-6, with 3 text-figs.).

Dalioxylon dantzi n. sp. **Potonié**, H. Mitt. D. Schutzgeb., Berlin, **15**, 1902, (227-229, mit 1 Taf.).

Nilssonia tatei n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (27, with pl. IV and figs. 1, 2).

Pinus matveianensis n. sp. **Berry**, E. W. Amer. Nat., Boston, Mass., **37**, 1903, (677-684, with pl.).

Taxites sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (39, with pl. VI and figs. 15, 15).

Zamites. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (21, 25, 26, with pl. V, VI and figs. 3, 4, 8-12).

6500.95 PLEISTOCENE AND RECENT.

Thuja occidentalis-thuringiaca n. sp. **Schlechtendal**, D. von. Zs. Natw., Stuttgart, **75**, 1903, (33-42, mit 3 Taf.).

6700 VASCULAR CRYPTO-GAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Cordaïtes. **Stopes**, M. C. N. Phytol., London, **2**, (4 and 5), 1903, (91-98, pl.).

Lagenostoma lomazi, the seed of *Lyginodendron*. **Oliver**, F. W. and **Scott**, D. H. London, Proc. R. Soc., **71**, 1903, (477-481); Ann. Bot., Oxford, **17**, 1903, (625-629).

Lagenostoma physoides, **Williamson**. **Oliver**, F. W. N. Phytol., London, **2**, (1), 1903, (18, 19).

Lepidocarpon. **Scott**, D. H. N. Phytol., London, **2**, (1), 1903, (19, 20).

Lepidodendron veltheimianum. **Kidston**, R. London, Br. Ass. Geol. Phot., **2**, 1903, (939).

Lyginodendron v. *Lagenostoma lomazi*.

Medullosa anglica. **Arber**, E. A. N. Ann. Bot., Oxford, **17**, 1903, (425-433, pl.).

Sporocarpon ornatum, **Williamson**. **Oliver**, F. W. N. Phytol., London, **2**, (1), 1903, (18, 19).

6700.55 UPPER PALAEOZOIC.

Bothrodendron leslii n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (87, with pl. XI., and figs. 1, 1a, 1b, 4, 5, 6).

Cordaicarpus planus n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Gangamopteris cyclopteroides, **Feist**. **Seward**, A. C. Cape Town, Ann. S.

Afric. Mus., **4**, 1903, (82, with pl. XIII and fig. 4).

Glossopteris. **Etheridge**, R. jun. Sydney, N.S.W., Rec. Austr. Mus., **5**, No. 1, 1903, (46-69, text fig.).

Seward, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (80-81, with pl. X and fig. 3, 4).

Lyginodendron. **Oliver**, F. W. Illustr. Sci. News, London, **1**, 1903, (145, 146, figs.).

Lyginodendron oldhamium. **Lomax**, J. London, Rep. Brit. Ass., **1902**, (1903), (809, 810).

Miadesmia. **Benson**, M. London, Rep. Brit. Ass., **1902**, (1903), (808).

Neuropteris heterophylla. **Kidston**, R. London, Proc. R. Soc., **72**, 1903, (487).

Neuropteridium validum, **Feist**. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (83), 85 with pl. X and figs. 1, 1a, 1b.

Noeggerathiopsis hislopi, **Bunb**. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (96, with pl. XIII and figs. 2-4).

Palaeostachya ettlingshauseni n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Pinakodendron maceonoehiei n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Rhabdocarpus curvatus n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Schizoneura australis, **Eth. fil.** **Etheridge**, R. jun. Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales, **7**, pt. 3, 1903, (234-235, tables 41, 49).

Sigillaria canobiana n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

Stigmara (? *Stigmariopsis*) *rimosiformis* n. sp. **Kidston**, R. Edinburgh, Trans. R. Soc., **40**, 1903, (741-833, with 5 pls.).

6700.65 TRIASSIC.

Callipteridium stormbergensis n. sp. **Seward**, A. C. Cape Town, Ann. S. Afric. Mus., **4**, 1903, (58, with pl. VII and figs. 4-6a; pl. VII fig. 5).

Chiropteris cuneata, Carr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (62, with pl. IX and fig. 4).

Chiropteris zeilleri n. sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (63, with text figure).

Schizoneura krasseri n. sp. (Probably identical with *S. carrerei* Zeil.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (48, with pl. IX and figs. 5, 6).

Stenopteris elongata, Carruthers. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (70, with pl. VII and figs. 2 and 3; pl. XI, fig. 3).

Strobilites sp. (possibly the strobilus of *Schizoneura krasseri*). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (49).

Taeniopteris carruthersi Ten. Woods. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (59, with pl. VIII and figs. 5-6).

Thinnfeldia odontopteroides Morr. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (52, with pl. VII and figs. 1-8; pl. IX, figs. 7-8; pl. XI, fig. 2).

Thinnfeldia rhomboidalis, Ettingsh. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (57, with pl. VIII and fig. 1).

6700.75 CRETACEOUS.

Onychiopsis mantelli Brongn. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (4, with pl. V and figs. 1-4).

Cladophlebis. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (10-14, with pl. II, VI, and figs. 1, 4, 6, 16-17).

Dictyozamites. Seward, A. C. London, Q. J. Geol. Soc., 59, 1903, (2-7, pl.).

Gleichenia saundersii n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Sphenopteris sp. Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (17-19, with pl. and text fig. 1, 7, 8).

Taeniopteris sp. (cf. *T. artica*, Heer.). Seward, A. C. Cape Town, Ann. S. Afric. Mus., 4, 1903, (19, with pl. II and figs. 5-5a).

(κ-653)

6700.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Polypodium redlichi n. sp. Engelhardt. Wien, Beitr. Pal. Geol. Ost-Ung., 14, 1902, (163-184, mit 4 Taf.).

7000 MOSSES.

7000.95 PLEISTOCENE AND RECENT.

Hypnum. Holzinger, J. M. Bryologist, Brooklyn, N.Y., 6, 1903, (93-94).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

7400.55 UPPER PALAEOZOIC.

Nematophyton. Prosser, C. S. Amer. Geol., Minneapolis, Minn., 29, 1902, (372-377).

7400.75 CRETACEOUS.

Conservites dubius n. sp. Berry, E. W. Amer. Nat., Boston, Mass., 37, 1903, (677-684, with pl.).

Tetraploporella n. gen. *T. remesi* n. sp. Steinmann. Wien, Beitr. Pal. Geol. Ost-Ung., 15, 1903, (45-54).

7400.80 CAENOZOIC.

Zoophycus. Barsanti, L. Pisa, Mem. Soc. tosc. sc. nat., 18, 1902, (68-95, con tav.).

7400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acetabularia. Squinabol, S. Padova, Atti Mem. Acc., (Ser. 2), 18, 1902, (151-155, con fig.).

Melosira hibschii n. sp. Reichelt, H. Leipzig, SitzBer. natf. Ges., 26-27 (1899-1900), 1901, (27-35).

7400.95 PLEISTOCENE AND RECENT.

Cyclotella pygmaea n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Cymbella nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Disiphonia hungarica n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Eunotia (Himantidium) nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Gomphonema balnearum n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Navicula (Caloneis) zachariasii n. sp. **Reichelt, H.** Plön, ForschBer. biol. Stat. 10, 1903, (194-200).

Navicula rostockiensis n. sp. **Heiden.** Rostock, Mitt. geol. Landesanst. 14, 1902, (7-30).

Semseyia hungarica n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Stauroneis tylophora n. sp. **Reichelt, H.** Plön, ForschBer. biol. Stat., 10, 1903, (194-200).

Stephanodiscus entzii n. sp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

Szechenyia n. gen. et nn. spp. **Pantocsek, J.** Beschreibung und Abbildung der fossilen Bacillarien des Andesittuffes von Szliács in Ungarn. Berlin (R. Friedländer u. S.), 1903, (20, mit 2 Taf.).

7700 FUNGI.

7700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Urophlyctites oliverianus. **Magnus, P.** Berlin, B. D. bot. Ges., 21, 1903, (248-250).

7900 PLANTS OF UNASCERTAINED POSITION.

7900.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Spirophyton, Hall. **Seward, A. C.** Cape Town, Ann. S. Afric. Mus., 4, 1903, (103, with pl. XIV and figs. 1, 2).

7900.50 LOWER PALAEOZOIC.

Bythotrephes tenuis J. Hall. **Chapman, F.** Melbourne, Proc. R. Soc. Vict., 15, (N. Ser.), 1903, (104-5, with pl. xvi).

7900.75 CRETACEOUS.

Carpolithus nn. spp. **Berry, E. W.** New York, N.Y., Bull. Bot. Gard., 3, 1903, (45-103, with pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

ALNUS [Cupuliferae].

———— *kumiana*. Palibin, I. 1772.

ARALIA [Araliaceae].

———— *brittoniana*. Berry, E. W. 1369.

———— *matteucanensis*. Berry, E. W. 1369.

CELASTROPHYLLUM [Aceraceae].

———— *elegans*. Berry, E. W. 1369.

EUCALYPTUS [Myrtaceae].

———— ? *dubia*. Berry, E. W. 1369.

FICUS [Urticaceae].

———— *neurocarpa*. Hollick, A. 1613.

LAURUS [Laurineae].

———— *hollickii*. Berry, E. W. 1369.

MAGNOLIA [Magnoliaceae].

———— *palaeopetala*. Hollick, A. 1613.

MYRICA [Myricaceae].

———— *heerii*. Berry, E. W. 1363.

NELUMBO [Nymphaeaceae].

———— *primaeva*. Berry, E. W. 1369.

PALIBITES [Rhamneae].

———— *martyi*. Langeron, M. 1672A.

POPULITES [Salicineae].

———— *tenuifolius*. Berry, E. W. 1369.

QUERCUS [Cupuliferae].

———— *cuboca*. Palibin, I. 1772.

———— *hollickii*. Berry, E. W. 1369.

———— *susedana*. Palibin, I. 1772.

RHAMNUS [Rhamneae].

———— *norae-caesareae*. Berry, E. W. 1369.

SALIX [Salicineae].

———— *matteucanensis*. Berry, E. W. 1369.

STERCULIA [Sterculiaceae].

———— *cliffwoodensis*. Berry, E. W. 1369.

———— *snowii* var. *bilobata* n. var. Berry, E. W. 1369.

VIBURNUM [Caprifoliaceae].

———— *hollickii*. Berry, E. W. 1368.

6000 MONOCOTYLEDONS.

Palmoxylon n. gen. [Palmaceae].
Wieland, G. R. 2028.

———— *cheyennense*. Wieland, G. R. 2028.

PHRAGMITES [Gramineae].

———— ? *cliffwoodensis*. Berry, E. W. 1369.

POACITES [Gramineae].

———— *lepidoides*. Engelhardt, H. 1509.

6500 GYMNOSPERMS.

ARAUCARITES [Coniferales].

——— *rogersi*. Seward, A. C. 1904.

BAIERA [Ginkgoales].

——— *stormbergensis*. Seward, A. C. 1904.

DADOXYLON.

——— *dantzi*. Potonié, H. 1810.

NILSSONIA [Cycadeaceae].

——— *tatei*. Seward, A. C. 1904.

PINUS [Coniferae].

——— *matthewanensis*. Berry, E. W. 1368.

PSYGNOPHYLLUM [? Ginkgoales].

——— *kidstoni*. Seward, A. C. 1904.

THUJA [Coniferae].

——— *occidentalis-thuringiaca*. Schlechtendal, D. von. 1867.**6700 VASCULAR CRYPTOGRAMS.**

BOTHRODENDRON ? [Lycopodiales].

——— *leslii*. Seward, A. C. 1904.

CALLIPTERIDIUM [Filicales].

——— *stormbergensis*. Seward, A. C. 1904.

CHIROPTERIS [Filicales].

——— *zeilleri*. Seward, A. C. 1904.

CORDAICARPUS [Cordaiteae].

——— *planus*. Kidston, R. 1645.

GLEICHENIA [Gleicheniaceae].

——— *saundersii*. Berry, E. W. 1368.

PALAEOSTACHYA [Equisetales].

——— *ettlingshauseni*. Kidston, R. 1645.

PINAKODENDRON [Lycopodiaceae].

——— *maccnochiei*. Kidston, R. 1645.

POLYPODIUM [Polypodiaceae].

——— *redtichi*. Engelhardt, H. 1509.

RHABDOCARPUS [Cordaiteae].

——— *curvatus*. Kidston, R. 1645.

SCHIZONEURA [Equisetales].

——— *krasseri*. Seward, A. C. 1904.

SIGILLARIA [Lycopodiales].

——— *canobiana*. Kidston, R. 1645.

STIGMARIA [Lycopodiales].

——— *rimosiformis*. Kidston, R. 1645.**7400 ALGAE AND SCHIZOPHYCEAE.**

CONFERVITES [Confervoidae].

——— *dubius*. Berry, E. W. 1368.

CYCLOTELLA [Diatomaceae].

——— *pygmaea*. Pantocsek, J. 1778.

CYMBELLA [Diatomaceae].

——— *grata*. Pantocsek, J. 1778.——— *aliacensis*. Pantocsek, J. 1778.

DISIPHONIA [Diatomaceae].

——— *hungarica*. Pantocsek, J. 1778.

EUNOTIA [Diatomaceae].

——— *ehrenbergii*. Pantocsek, J. 1778.——— *hungarica*. Pantocsek, J. 1778.——— *wettsteinii*. Pantocsek, J. 1778.

GOMPHONEMA [Diatomaceae].

——— *balnearum*. Pantocsek, J. 1778.

MELOSIRA [Diatomaceae].

——— *hibschii*. Reichelt, H. 1831.

NAVICULA [Diatomaceae].

- *addaas*. Pantocsek, J. 1778.
 ——— *csaszkaas*. Pantocsek, J. 1778.
 ——— *falaz*. Pantocsek, J. 1778.
 ——— *filarskyi*. Pantocsek, J. 1778.
 ——— *rostockiensis*. Heiden. 1592.
 ——— *zachariasii*. Reichelt, H. 1832.

SENSEYIA [Diatomaceae].

- *hungarica*. Pantocsek, J. 1778.

STAURONEIS [Diatomaceae].

- *tylophora*. Reichelt, H. 1832.

STEPHANODISCUS [Diatomaceae].

- *entsii*. Pantocsek, J. 1778.

Ssiechenijia n. gen. Pantocsek, J. 1778.

- *antigua*. Pantocsek, J. 1778.
 ——— *gracilis*. Pantocsek, J. 1778.
 ——— *ornata*. Pantocsek, J. 1778.

Tetraploporella n. gen. [Dasycladaceae].
Steinmann. 1949.

- *remeši*. Steinmann. 1949.

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- *difficoodensis*. Berry, E. W. 1369.
 ——— *dubius*. Berry, E. W. 1369.
 ——— *juglandiformis*. Berry, E. W. 1369.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

acanthocolpum	<i>Paracerithium</i> ; Char- tron & Cossmann. 1431.	affinis	<i>Claosaurus</i> ?; Wieland, G. R. 2028.
acervulinoides	<i>Gümbelina</i> ; Egger, J. G. 1503.	affluens	<i>Olivella</i> ; Casey, T. L. 1427.
acridens	<i>Arretotherium</i> ; Douglass, E. 1488.	africanus	<i>Pterodon</i> ; Andrews, C. W. 1331.
acrisionae	<i>Plesiophyllia</i> ; Felix, J. 1521.	agglutinans	<i>Pavonia</i> ; Schubert, R. J. 1874.
acuminatum	<i>Laccophyllum</i> ; Simp- son, G. B. 1921.	————	<i>Planispirina</i> ; Egger, J. G. 1503.
acuta	<i>Trigonia</i> ; Kitchin, F. L. 1654.	airenensis	<i>Hornera</i> ; Maplestone, C. M. 1711.
acutecochleata	<i>Nerinea</i> ; Broili, F. 1398.	————	<i>Retepora</i> ; Maplestone, C. M. 1711.
acutidens	<i>Ictops</i> ; Douglass, E. 1488.	alata	<i>Stropheodonta</i> ; Chapman, F. 1430.
acutum	<i>Tornoceras</i> ; Frech, F. 1543.	albanense	<i>Trocharion</i> ; Major, C. I. F. 1710.
addase	<i>Navicula</i> ; Pantocsek, J. 1778.	aldrichi	<i>Cardita</i> ; Casey, T. L. 1427.
adelaidensis	<i>Trochocyathus</i> ; Den- nant, J. 1474.	aldrichiella	<i>Microdrillia</i> ; Casey, T. L. 1427.
adleri	<i>Turbonilla</i> ; Arnold, R. 1342.	alexandrae	<i>Arthaberites</i> ; Diener, C. 1484.
aegiale	<i>Phyllosmilina</i> ; Felix, J. 1521.	————	<i>Shastasaurus</i> ; Merriam, J. C. 1725.
aegoceras	<i>Clymenia</i> ; Frech, F. 1543.	alpha	<i>Bathysgenys</i> ; Douglass, E. 1488.
aegyptiaca	<i>Neaera</i> ; Oppenheim, P. 1764.	alta	<i>Valenciennesia</i> ; Gorjanović- Kramberger, K. [Dragu- tin]. 1559.
aerarius	<i>Aviculopecten</i> ; Bittner, A. 1378.	alternans	<i>Fusulina</i> ; Schellwien, E. 1866.
aeriphilus	<i>Pecten</i> ; Bittner, A. 1378.	altidens	<i>Gazella</i> ; Schlosser, M. 1869.
aesopiformis	<i>Unio</i> ; Whitfield, R. P. 2026.		

- altispinus Shastasaurus ; Merriam, J. C. 1725.
- altithorax Brachiosaurus ; Riggs, E. S. 1849.
- alveus Krithe ; Egger, J. G. 1504.
- amazonicus Productus ; Katzer, F. 1640.
- ambitiosa Rhynchonella ; Bittner, A. 1378.
- ameghinoides Paraboselaphus ; Schlosser, M. 1869.
- amica Pleurotoma ; Casey, T. L. 1427.
- Ammofrondicularia* n. gen. ; Schubert, R. J. 1874.
- amphidoxus Pecten ; Bittner, A. 1378.
- amphitrites Ceratotrochus ; Felix, J. 1521.
- Latimaeandra ; Felix, J. 1522.
- amplecta Limnaea ; Gorjanović-Kramberger, K. [Dragutin]. 1559.
- anatolica Pleurotomaria ? ; Enderle, J. 1508.
- anceps Limnenetes ? ; Douglass, E. 1488.
- ancilla Pleurotoma ; Casey, T. L. 1427.
- Andorina* n. gen. ; Lörenthey, E. 1691.
- Anguillavus* n. gen. ; Hay, O. P. 1591.
- angulatus Dinarites ; Kittl, E. 1656.
- Mylagaulodon ; Sinclair, W. J. 1922.
- angusta Ammofrondicularia ; Schubert, R. J. 1874.
- Caryocaris ; Chapman, F. 1429.
- angusticeps Ictidosaurus ; Broom, R. 1406.
- angustilobatus Tirolites ; Kittl, E. 1656.
- angustus Coccosteus ; Traquair, R. H. 1982.
- Pentremites ; Hambach, G. 1577.
- angustus Tirolites ; Kittl, E. 1656.
- anisopora Cystodictya ; Condra, G. E. 1454.
- annae Cyathophora ; Volz, W. 2012.
- annectens Strepsiceros ; Schlosser, M. 1869.
- antarctica Lagena (?) ; Weller, S. 2023.
- Olcostephanus ; Weller, S. 2023.
- antiqua Podocnemis ; Andrews, C. W. 1328A.
- Szechenyia ; Pantocsek, J. 1778.
- Apternodus* n. gen. ; Matthew, W. D. 1719.
- apusoides Ribeiria ; Schubert, R. J. & Waagen, L. 1881.
- arborescens Retepora ; Maplestone, C. M. 1711.
- arcuatus n. var. Leptograptus flaccidus ; Elles, G. L. & Wood, E. M. R. 1507.
- areyi Eotomaria ; Clarke, J. M. & Ruedemann, R. 1444.
- arkonense Platyceras ; Shimer, H. W. & Grabau, A. W. 1912.
- arkonensis n. var. Spirifer mucronatus ; Shimer, H. W. & Grabau, A. W. 1912.
- arnoldi Turbonilla ; Arnold, R. 1342.
- Arretotherium* n. gen. Douglass, E. 1488.
- arthaberi Naticopsis ; Enderle, J. 1508.
- Valenciennesia ; Gorjanović-Kramberger, Karl [Dragutin]. 1559.
- Arthaberites* n. gen. Diener, C. 1484.
- ascendens Leptograptus ; Elles, G. L. & Wood, E. M. R. 1507.
- aspidoides Pinacoceras ; Diener, C. 1484.
- Astraraea* n. gen. Felix, J. 1521.
- Astrogyra* n. gen. Felix, J. 1521.

atomaria	Rhynchonella ; Bittner, A. 1378.	bassleri	Polypora ; Condra, G. E. 1454.
atratus	Strephochetus ; Seely, H. M. 1893.	batheri	Sclerocrinus ; Remeš, M. 1837.
attalicus	Bellerophon ; Enderle, J. 1508.	bathshebae	Anguillavus ; Hay, O. P. 1591.
attenuatus	Eucaenus ; Melander, A. L. 1722.	Bathygenys	n. gen. Douglass, E. 1488.
Aulopocella	n. gen. Maplestone, C. M. 1712.	bavaricum	Aceratherium ; Stromer von Reichenbach, E. 1960.
auricoma	Turbonilla ; Arnold, R. 1342.	beecheri	Megablattina ; Sellards, E. H. 1897.
austiniensis	Anatina ; Shattuck, G. B. 1906.	begum	Rhynchonella ; Bittner, A. 1378.
————	Homomya ; Shattuck, G. B. 1906.	bellistriata	Striatopora ; Greene, G. K. 1570.
australiae	n. var. Beyrichia maccoyiana ; Chapman, F. 1429.	benardellii	Ilydnophyllia ; Oppenheim, P. 1762.
australis	Fenestella ; Chapman, F. 1430.	beneckeii	Pseudomonotis ; Bittner, A. 1377.
————	Hypogeomis . Grandidier, G. 1569.	bertrandi	Tornoceras ; Frech, F. 1543.
————	Siphonotreta ; Chapman, F. 1430.	Beyrichoceras	n. subgen. Foord, A. H. 1528.
austriaca	Pseudomonotis ; Bittner, A. 1377.	biangulatus	Dinarites ; Kittl, E. 1656.
avocensis	Nepheliospongia ; Clarke, J. M. 1438.	bibullata	Placopsilina ; Egger, J. G. 1503.
Azoseris	n. gen. Oppenheim, P. 1762.	bicarinatum	Coeloma ; Ravn, J. P. J. 1823.
baliensis	Spiriferina ; Enderle, J. 1508.	bicornis	Remopleurides ; Reed, F. R. C. 1829.
balnearum	Gomphonema ; Pantocsek, J. 1778.	bigemmis	Placohelia ; Felix, J. 1521.
barbata	Cristellaria ; Egger, J. G. 1503.	billingsi	Diphyphyllum ; Greene, G. K. 1570.
barberi	Cyclotrypha ; Condra, G. E. 1454.	bilobata	n. var. Sterculia snowii ; Berry, E. W. 1369.
barnetti	Aclisina ; Kindle, E. M. 1651.	binicostatus	Mammites ; Petrascheck, W. 1792.
barratti	Homalonotus ; Woodward, H. 2049.	binodata	Fenestella ; Condra, G. E. 1454.
barroisi	Aphyllites ; Frech, F. 1543.	biplicatula	Microdrillia ; Casey, T. L. 1427.
bartschi	Pleurotoma ; Arnold, A. 1342.	————	Spirigera ; Bittner, A. 1378.
basidecorus	Hemiasiter ; Oppenheim, P. 1762.	bittneri	Bittnerites ; Kittl, E. 1656.
bassi	Pleurotomaria ; Pritchard, G. B. 1819.	————	Edmondia ; Enderle, J. 1503.
		————	Ranina ; Lörenthey. 1690.
		————	Tirolites ; Kittl, E. 1656.

- Bittnerites* n. subgen. Kittl, E. 1656.
- blanckenhorni* Centrastraea; Felix, J. 1522.
- *Ginglymostoma*; Stromer, E. 1958.
- *Kingena*; Dacqué, E. 1468.
- *Podocnemis*; Reinach, A. von. 1833. 1834.
- blatchleyi* *Platyceras*; Kindle, E. M. 1651.
- boehmi* *Isoarca*; Remeš, M. 1837.
- bogumilorum* *Rhynchonella*; Bittner, A. 1378.
- bolgiensis* n. form. *Pseudomonotis*; Bistram, A. 1375.
- borealis* *Micropternodus*; Matthew, W. D. 1719.
- borussicus* *Ventriculites*; Ungern-Sternberg, E. 1993.
- bosniaca* *Chama*; Oppenheim, P. 1762.
- *Cladocora* ?; Oppenheim, P. 1762.
- *Posidonomya*; Bittner, A. 1378.
- bosniacum* *Cerithium*; Oppenheim, P. 1762.
- *Flabellum*; Oppenheim, P. 1762.
- bosniae* *Aviculopecten*; Bittner, A. 1378.
- bottii* *Stylemys*; Stefano (De), G. 1941.
- bovinum* *Cyrtoceras*; Clarke, J. M. & Ruedemann, R. 1444.
- Brachiosaurus* n. gen. Riggs, E. S. 1849.
- brachygnathus* *Lutra*; Schlosser, M. 1869.
- brachyodon* *Palaeolagus*; Matthew, W. D. 1719.
- brainerdi* *Strophochetus*; Seely, H. M. 1893.
- brancoi* *Rhinoceros*; Schlosser, M. 1869.
- branneri* *Astarte*; Arnold, R. 1342.
- *Mangilia*; Arnold, R. 1342.
- brazzanensis* *Cycloseris*; Oppenheim, P. 1762.
- brevicostata* *Trigonia*; Kitchin, F. L. 1654.
- brevis* *Matheria*; Whiteaves, J. F. 2025.
- brittoniana* *Aralia*; Berry, E. W. 1369.
- browni* *Unio*; Whitfield, R. P. 2026.
- budaense* *Cardium*; Shattuck, G. B. 1906.
- budaensis* *Turritella*; Shattuck, G. B. 1906.
- bukowinensis* *Holocystis*; Volz, W. 2012.
- bukowskii* *Amphiclina*; Bittner, A. 1378.
- *Rhynchonella*; Bittner, A. 1378.
- *Spirigera*; Bittner, A. 1378.
- *Stolzenburgiella*; Bittner, A. 1378.
- *Terebratula*; Bittner, A. 1378.
- bulloides* *Cylindrobullina*; Chartron & Cossmann. 1431.
- caespitosa* n. form. *Nubecularia*; Steinmann, G. 1947.
- calaverensis* *Stylemys*; Sinclair, W. J. 1923.
- californica* *Caryophyllia*; Arnold, R. 1342.
- californicus* *Toretocnemus*; Merriam, J. C. 1726.
- californiensis* *Mancana*; Lucas, F. A. 1704.
- camurus* *Crassatellites*; Pritchard, G. B. 1818.
- canaliculata* *Spirigera*; Bittner, A. 1378.
- canavarii* *Meekoceras*; Airaghi, C. 1319.
- canobiana* *Sigillaria*; Kidston, R. 1645.
- Caractophyllum* n. gen. Simpson, G. B. 1921.
- carbonarius* *Bactrites*; Smith, J. P. 1930.
- carboniferum* *Syncyclonema*; Hind, W. 1601.

- cardiniiformis** Trigonina; Kitchin, F. L. 1654.
- careyi** Shastasaurus; Merriam, J. C. 1725.
- carinata** n. var. *Melanopsis sikorai*; Kormos, T. 1666.
- *Thamnastraea*; Felix, J. 1521.
- carnegii** *Diplodocus*; Hatcher, J. B. 1581.
- carrolli** *Aviculopecten*; Hind, W. 1601.
- cassensis** *Capulus*; Kindle, E. M. 1651.
- n. var. *Rhynchonella gainesi*; Kindle, E. M. 1651.
- castletoniensis** *Evactinopora*; Barnes, J. 1348.
- Castresia** n. gen. Stefano (De), G. 1944.
- caudata** *Pontocypris*; Egger, J. G. 1504.
- cavernosus** *Ventriculites*?; Ungern-Sternberg, E. 1993.
- caviceps** *Figulus*; Chartron & Cossman. 1431.
- celtitoides** *Arpadites*; Airaghi, C. 1319.
- ceres** *Spirifer*; Reed, F. R. C. 1828.
- cerritensis** *Aligena*; Arnold, R. 1342.
- *Nassa*; Arnold, R. 1342.
- n. var. *Ocinebra lurida*. Arnold, R. 1342.
- *Trophon*; Arnold, R. 1342.
- certa** *Progenetta*; Major, C. I. F. 1710.
- Cervatus** n. gen. Schlosser, M. 1869.
- chamberlaini** *Clavilithes*; Johnson, C. W. & Grabau, A. W. 1631.
- chanum** *Rhynchonella*; Bittner, A. 1378.
- chariensis** *Trigonina*; Kitchin, F. L. 1654.
- charlyanus** *Ptychites*; Diener, C. 1484.
- chartroni** *Cœlostylinia*; Chartron & Cossman. 1431.
- *Paracerithium*; Chartron & Cossman. 1431.
- *Pseudomelania*; Chartron & Cossman. 1431.
- Chartronia** n. gen.; Chartron & Cossman. 1431.
- cheyennense** *Palmoxylon*; Wieland, G. R. 2028.
- chondrophora** *Trochosmia*; Felix, J. 1521.
- cingulatus** *Colodon*; Douglass, C. 1488.
- *Svilajites*; Kittl, E. 1656.
- *Tirolites*; Kittl, E. 1656.
- circumnodosum** *Gastrioceras*; Foord, A. H. 1528.
- circumplicatile** *Gastrioceras*; Foord, A. H. 1528.
- circunvallata** *Schismopora*; Maplestone, C. M. 1711.
- ciscoense** *Agathiceras*; Smith, J. P. 1230.
- cladophora** *Thamnaraea*; Felix, J. 1521.
- Claraia** n. subgen. Bittner, A. 1377.
- clarinervis** *Dictyonera*; Melander, A. S. 1722.
- clarki** *Exogyra*; Shattuck, G. B. 1906.
- *Pseudocrinites*; Schuchert, C. 1885.
- clavatomarginatus** *Trionyx*; Lörenthey, I. 1693.
- cliffwoodensis** *Carpolithus*; Berry, E. W. 1369.
- *Phragmites*?; Berry, E. W. 1369.
- *Sterculia*; Berry, E. W. 1369.
- clinatus** *Ceratotrochus*; Dennant, J. 1474.
- cloetei** *Titanosuchus*. Broom, R. 1404.
- Cochlespirella** n. gen. Casey, T. L. 1427.
- Coelocystis** n. gen. Schuchert, C. 1885.

- cognata* Actinacis; Oppenheim, P. 1762.
 ——— Aulacothyris; Bittner, A. 1378.
 ——— Chione; Pritchard, G. B. 1818.
cognatus n. var. Dolatocrinus arrosus; Greene, G. K. 1570.
collaris Pleurotoma; Casey, T. L. 1427.
columnaris Mesomorpha; Oppenheim, P. 1762.
commutata Romingeria; Beecher, C. E. 1358.
compactilis n. var. Fenestella conradi; Condra, G. E. 1454.
complanata Retepora; Maplestone, C. M. 1711.
complexus Steneofiber; Douglass, E. 1488.
complicatus Eucinepeltus; Brown, B. 1411.
compressa Tritaxia; Egger, J. G. 1503.
compressus Atractites; Airaghi, C. 1319.
comptus Gennaeocrinus; Greene, G. K. 1570.
concentrico-lineatum Pseudamusium; Hind, W. 1601.
concentricum Amusium; Hind, W. 1601.
concinus n. var. Dolatocrinus corporosus; Greene, G. K. 1571.
conglomeratum Heliophyllum; Greene, G. K. 1571.
congregatum Heliophyllum; Greene, G. K. 1571.
conicus Archaeozonites; Andreae, A. 1326.
conus Callonema; Kindle, E. M. 1651.
cooperi Pleurotoma; Arnold, R. 1342.
coracinum Cerithium; Oppenheim, P. 1762.
corbuliformis Dolatocrinus; Greene, G. K. 1571.
cornu Placoamilia; Oppenheim, P. 1762.
cornutula Spirigera; Bittner, A. 1378.
coronadoensis Delphinoidea; Arnold, R. 1342.
correctus Remopleurides; Reed, F. R. C. 1829.
costata Heterocoenia; Felix, J. 1521.
cracoviensis Leiiorhynchus; Gürich, G. 1576.
crassa Trigonina; Kitchin, F. L. 1654.
crassitesta Chonetes; Gürich, G. 1576.
crassum Glyphioceras; Foord, A. H. 1528.
crassus Inoceramus; Petrascheck, W. 1793.
cresswelli Chonetes; Chapman, F. 1430.
 ——— Plectambonites; Chapman, F. 1430.
cretacea Protoseris; Felix, J. 1521.
 ——— Zanthopsis; Branner, J. C. 1397.
cribrosa Phylactella; Maplestone, C. M. 1711.
cromeri Stereogenys; Andrews, C. W. 1328a.
crotalum Heliophyllum; Greene, G. K. 1570.
crucifer Zatrachys; Case, E. C. 1426.
crucifera Aplosmilina; Felix, J. 1521.
crustulum Porites; Oppenheim, P. 1762.
cryptophya Paropsonema; Clarke, J. M. 1437.
csaszkae Navicula; Pantocsek, J. 1778.
cuccensis Terebratula; Bittner, A. 1378.
cupuliformis Eugeniocrinus; Remeš, M. 1837.
curriei Dolatocrinus; Greene, G. K. 1570.

- curta* n. var. *Eupleura muriciformis*; Arnold, R. 1342.
 ——— *Paludestrina*; Arnold, R. 1342.
curvatus *Rhabdocarpus*; Kidston, R. 1645.
curvicameratum *Cyrtorhizoceras*; Clarke, J. M. & Ruedemann, R. 1444.
cyclamen *Phyllocrinus*; Remeš, M. 1837.
cyclofenestrata *Fenestella*; Condra, G. E. 1454.
Cylindrodora n. gen. Douglass, E. 1488.
cylindroides *Dimorphina*; Liebas, A. & Schubert, R. J. 1688.
Cylindrophyllum n. gen. Simpson, G. B. 1921.
cymbula *Anlacothyris*; Bittner, A. 1378.
cypristes *Elephas*; Bate, D. M. A. 1351.
dabricense *Cardium*; Oppenheim, P. 1762.
dabricensis *Cyathomorpha*; Oppenheim, P. 1762.
 ——— *Cytherea*; Oppenheim, P. 1762.
 ——— *Trochus*; Oppenheim, P. 1762.
d'achiardii *Stephanosmilia*; Oppenheim, P. 1762.
 ——— *Trochoseris*; Oppenheim, P. 1762.
dalli *Pleurotoma*; Arnold, R. 1342.
dalmatina *Barysmilia*; Oppenheim, P. 1762.
 ——— *Lucina*; Oppenheim, P. 1762.
 ——— *Millepora*; Oppenheim, P. 1762.
 ——— *Pattalophyllia*; Oppenheim, P. 1762.
Dalmatites n. gen. Kittl, E. 1656.
dantzi *Dadoxylon*; Potonié, H. 1810.
 ——— *Gervillea*; Menzel, H. 1724.
Darányia n. gen. Lörenthey, E. 1691.
darwini *Dryopitheca*; Abel, O. 1314.
dayi *Microcoelia*; Hay, O. P. 1591.
decamera *Placocoenia*; Volz, W. 2012.
decora *Emmelezoe*; Clarke, J. M. 1442.
decoratus n. var. *Dolaticrinus* *corporosus*; Greene, G. K. 1571.
defecta *Palaeomunida*; Lörenthey, E. 1690.
deformis *Stephanocrinus*; Greene, G. K. 1570.
delanoëi *Limea*; Oppenheim, P. 1764.
delecta *Rhynchonella*; Bittner, A. 1378.
delicatula *Arca*; Casey, T. L. 1427.
 ——— *Retepora*; Maplestone, C. M. 1711.
delicatus *Rhinellus*; Hay, O. P. 1591.
delphiensis *Goniatites*; Kindle, E. M. 1651.
delphinus *Cerithium*; Oppenheim, P. 1762.
depereti *Plesiadax*; Schlosser, M. 1869.
 ——— *Trochictis*; Major, C. I. F. 1710.
depressa *Rhynchonella*; Kindle, E. M. 1651.
deserta *Rhynchonella*; Bittner, A. 1378.
devonicus *Platycrinus*; Greene, G. K. 1570.
dewitzianus *Sternothaerus*; Reinach, A. von. 1833. 1834.
dezzoanus *Dinarites*; Tommasi, A. 1972.
dhosaensis *Trigonia*; Kitchin, F. L. 1654.
Diceratosaurus n. gen. Jaekel, O. 1623.
didymophila *Trochosmilia*; Felix, J. 1521.
diegensis *Odostomia*; Arnold, R. 1342.

- difficile* Glyphioceras; Foord, A. H. 1528.
digoniata Chartronia; Chartron & Cossmann. 1431.
dimidiatus Tirolites; Kittl, E. 1656.
Dimorphocella n. gen. Maplestone, C. M. 1711.
dinarica Cyathoseris; Oppenheim, P. 1762.
 ——— Mysidioptera; Bittner, A. 1378.
 ——— Rhynchonella; Bittner, A. 1378.
diocletiani Dinarites; Kittl, E. 1656.
discoidalis Aganides; Smith, J. P. 1930.
dispansa Alveolites; Greene, G. K. 1570.
dispansum Heliophyllum; Greene, G. K. 1570.
distans Stenopora; Condra, G. E. 1454.
 ——— Tirolites; Kittl, E. 1656.
distincta Trigonia; Kitchin, F. L. 1654.
Ditoecholasma n. gen. Simpson, G. B. 1921.
diversicostata Phyllosmia; Felix, J. 1521.
dodgei Acrognathus. Hay, O. P. 1591.
dorcadoides Gazella; Schlosser, M. 1869.
doulassi Unio; Stanton, T. W. 1938.
douvillei Latimaeandraræa; Felix, J. 1521.
dresdense Muniericeras; Petrascheck, W. 1792.
drummockensis Ampyx; Reed, F. R. C. 1829.
dubia Eucalyptus? Berry, E. W. 1369.
 ——— Trigonia; Kitchin, F. L. 1654.
dubius Carpolithus; Berry, E. W. 1369.
 ——— Confervites; Berry, E. W. 1368.
dubius Hyaenognathus?; Merriam, J. C. 1727.
dubravitzensis Turbinoseris; Oppenheim, P. 1762.
Edaphophyllum n. gen. Simpson, G. B. 1921.
eduliformis Mytilarca; Clarke, J. M. & Ruedemann, R. 1444.
ehrenbergii Eunotia; Pantocsek, J. 1778.
elator Coelostylina; Chartron & Cossmann. 1431.
elegans Andorina; Lörenthey, E. 1691.
 ——— Celastrophyllum; Berry, E. W. 1369.
elegantulus Dolastocrinus; Greene, G. K. 1571.
elevatum Umbraculum; Aldrich, T. H. 1321.
elkedraensis Agnostus; Etheridge, R. 1517.
elongata n. var. Aclisina barnetti; Kindle, E. M. 1651.
elongatula Microdrillia; Casey, T. S. 1427.
elongatum Cyliindrophyllum; Simpson, G. B. 1921.
elongatus Nigidius; Chartron & Cossmann. 1431.
emiliae Mysidioptera; Bittner, A. 1376.
Enchelion n. gen. Hay, O. P. 1591.
Endianaulax n. subgen. Chartron & Cossmann. 1431.
Endiataenia n. gen. Chartron & Cossmann. 1431.
enniskillenense Brancoceras; Foord, A. H. 1528.
Enterolasma n. gen. Simpson, G. B. 1921.
entzii Stephanodiscus; Pantocsek, J. 1778.
ecenus Megalohyrax; Andrews, C. W. 1331.
Eosinica n. subgen. Aldrich, T. H. 1321.
Epitornoceras n. subgen. Frech, F. 1543.

- erbreichi* Fusus ; Oppenheim, P. 1762.
erecta Heterocoenia ; Felix, F. 1521.
eretes Rhinobatus ; Hay, O. P. 1591.
eskdalensis Aviculopecten ; Hind, W. 1601.
etheridgei Chione ; Pritchard, G. B. 1818.
ettinghauseni Palaeostachya ; Kidston, R. 1645.
Eubiodectes n. gen. Hay, O. P. 1591.
euboea Quercus ; Palibin, I. 1772.
euglyphoides Strophonella ; Chapman, F. 1430.
Eumorphotis n. subgen. Bittner, A. 1377.
euophila Placosmilia ; Felix, J. 1521.
euteiches Aplosmilia ; Felix, J. 1522.
evanescens Pleurotoma ; Casey, T. L. 1427.
evolution Dinarites ; Kittl, E. 1656.
excrecens Cardita ; Pritchard, G. B. 1818.
exiguus Euomphalus ; Kindle, E. M. 1651.
exortiva Trigonina ; Kitchin, F. L. 1654.
expansa n. var. Dekayia ulrichi ; Cumings, E. R. 1467.
expansum Cyrtoceras ; Kindle, E. M. 1651.
extincta Kustarachne ; Melander, A. L. 1722.
extensa Cheliphlebia ; Melander, A. L. 1722.
facetus Gennaeocrinus ; Greene, G. K. 1570.
fairchildi Euomphalus ; Clarke, J. M. & Ruedemann, R. 1444.
fajumensis Podocnemis ; Andrews, C. W. 1328a.
fulax Navicula ; Pantocsek, J. 1778.
fallax Rhabdophyllia ; Oppenheim, P. 1762.
falsus Phos ; Casey, T. L. 1427.
famelica Scobinella ; Casey, T. L. 1427.
farcimen Gyroceras ; Clarke, J. M. & Ruedeman, R. 1444.
farri Unio ; Stanton, T. W. 1938.
fastidiosa Metula ; Casey, T. L. 1427.
fastigatus Ptychites ; Diener, C. 1484.
favosoides Truncatulina ; Egger, J. G. 1503.
ferdinandi Leucochilus ; Andreae, A. 1326.
fergusi Protesuchus ; Broom, R. 1407.
fergusoni Notasaphus ; Gregory, J. W. 1572.
ferox Scymnosaurus ; Broom, R. 1406.
filarszkyi Navicula ; Pantocsek, J. 1778.
fimbriata Conularia ; Walther, K. 2017.
fimbriatus Aviculopecten ; Hind, W. 1601.
fischeri Carychium ; Boettger, O. 1385.
fontis Cyllindrodon ; Douglass, E. 1488.
formosus Aipichthys ; Hay, O. P. 1591.
forojuliensis Brissopsis ; Oppenheim, P. 1762.
 ——— Heliastrea ; Oppenheim, P. 1762.
fossilis Amastra ; Baldwin, D. D. 1345.
 ——— Oleacina ; Andreae, A. 1326.
Fossopora n. gen. Etheridge, R. 1513.
fragilis Metula ; Casey, T. L. 1427.
 ——— n. var. Pecten latiauritus ; Arnold, R. 1342.
franciscæ Melanopsis ; Brusina, S. 1414.
frechi Azeka ; Andreae, A. 1326.

- fritschii* Spalax; Nehring, A. 1737.
 — Anthracosiro; Pocock, R. I. 1805.
fructicosa Gumbelina; Egger, J. G. 1503.
fuchsi Heterocoenia; Felix, J. 1521.
fuchsii Rhynchonella; Bittner, A. 1378.
fungiferus Dolatocrinus; Greene, G. K. 1570.
futtereri Leda; Böhm, J. 1852.
ga'ensis Radiolites; Dacqué, E. 1468.
ganti Popanoceras; Smith, J. P. 1930.
gaudryi Protetraceros; Schlosser, M. 1869.
gummellaroii Pecten; Remeš, M. 1837.
Gemündina n. gen. Traquair, R. H. 1982.
germanica Phlyctaenaspis; Traquair, R. H. 1982.
germanus Urenchelys; Hay, O. P. 1591.
geyeri Aulacothyris; Bittner, A. 1378.
gibba Circophyllia; Oppenheim, P. 1762.
gigantea Hyaena; Schlosser, M. 1869.
gigas Paracamelus; Schlosser, M. 1869.
girvanensis Agnostus; Reed, F. R. C. 1829.
 — n. var. Remopleurides; Reed, F. R. C. 1829.
globularis Sphaerocystites; Schuchert, C. 1885.
Glyptotherium n. gen. Osborn, H. F. 1768.
goleana Natica; Dacqué, E. 1468.
gordoni Pseudocrinites; Schuchert, C. 1885.
gracilidens Pseudobos; Schlosser, M. 1869.
gracilis Fenestella; Condra, G. E. 1454.
 — Lasmogyra; Felix, J. 1521.
gracilis Spiroplecta; Egger, J. G. 1503.
 — Szechenyia; Pantocsek, J. 1778.
 — Trigonina; Kitchin, F. L. 1654.
grahami Schuchertites; Smith, J. P. 1930.
grammatospira Odostomia; Arnold, R. 1342.
grandis Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
granosa n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
granulata Darányia; Lörenthey, E. 1691.
granulatus Eugeniocrinus; Remeš, M. 1837.
granuliferus Calceocrinus; Greene, G. K. 1570.
grata Cymbella; Pantocsek, J. 1778.
greeni n. var. Spirifer gregarius; Kindle, E. M. 1651.
gregalis Aulacothyris; Bittner, A. 1378.
gregarius Tragoceros; Schlosser, M. 1869.
Griphopithecus n. gen. Abel, O. 1314.
groenlandica Hoploparia; Ravn, J. P. J. 1823.
gumbeli Tellina; Dreger, J. 1496.
Gumbelina n. gen. Egger, J. G. 1503.
gürichi Aganides; Frech, F. 1543.
 — Planorbis; Andreae, A. 1326.
gunyoungensis Lucina; Pritchard, G. P. 1818.
gurleyi Prolecanites; Smith, J. P. 1930.
Gyralina n. subgen. Andreae, A. 1326.
habereri Rhinoceros; Schlosser, M. 1869.
Hadrachne n. gen. Melander, A. L. 1722.
haeringense Cardium; Dreger, J. 1496.

- haeringensis** Glycimeris; Dreger, J. 1496.
 ——— Lima; Dreger, J. 1496.
 ——— Nucula; Dreger, J. 1496.
 ——— Solenomya; Dreger, J. 1496.
halavatsi Limnaea; Gorjanović-Kramberger, K. [Dra-
 gutin]. 1559.
halli Glycimeris; Pritchard, G. B. 1818.
halmopotis Stephanocoenia; Felix, J. 1522.
hamata Stenoprotome; Hay, O. P. 1591.
hammeri Pecten; Bittner, A. 1378.
handella Pleurotoma; Casey, T. L. 1427.
hanoverensis Nucula; Kindle, E. 1651.
Haplocanthus n. gen. Hatcher, J. B. 1585.
Hapsiphyllum n. gen. Simpson, G. B. 1921.
harlowtonensis Campeloma; Stan-
 ton, T. W. 1938.
harmonica Drillia; Casey, T. L. 1427.
hartleyi Jaekelocystis; Schuchert, C. 1885.
haugi Tornoceras; Frech, F. 1543.
hazayi Melanopsis; Brusina, S. 1414.
heerii Myrica; Berry, E. W. 1368.
hegyesina Diplocoenia; Volz, W. 2012.
helenae Eucrotaphus; Douglass, E. 1488.
Helicoerinus n. gen. Chapman, F. 1429.
Helicoprion n. gen. Van de Wiele, C. 1997.
herbichii Aviculopecten; Bittner, A. 1378.
hercynicus Inoceramus; Petrascheck, W. 1793.
hermanni Ornitholestes; Osborn, H. F. 1767.
herzegowinensis Madrepora; Oppen-
 heim, P. 1762.
- hesperia** Clemmys; Hay, O. P. 1589.
hesperus Stenocfiber; Douglass, E. 1488.
heterophanus Tirolites; Kittl, E. 1656.
heteropora Stenopora; Condra, G. E. 1451.
hexacnema Baryhelix; Felix, J. 1522.
hibschii Melosira; Reichert, H. 1831.
hilarionis Cytherea; Oppenheim, P. 1762.
hildesiense Rhizokorallium; Menzel, H. 1723.
hilgardi Pleurotoma; Casey, T. L. 1427.
hilli Nautilus; Shattuck, G. B. 1906.
 ——— Waagenoceras; Smith, J. P. 1930.
hiram Sclerorhynchus; Hay, O. P. 1591.
hispidia Trigonina; Kitchin, F. L. 1654.
hochstetteri Baculites; Liebus, A. 1687.
hoferi Psammobia; Oppenheim, P. 1762.
 ——— Terebratula; Oppenheim, P. 1762.
hoernesii Astrocoenia; Oppenheim, P. 1762.
 ——— Axoseris; Oppenheim, P. 1762.
 ——— Thracia; Oppenheim, P. 1762.
hollickii Laurus; Berry, E. W. 1369.
 ——— Quercus; Berry, E. W. 1369.
 ——— Viburnum; Berry, E. W. 1368.
Hololobus n. subgen. Kittl, E. 1656.
holopiformis Eugeniocrinus; Remeš, M. 1837.
holzapfeli Tornoceras; Frech, F. 1543.

- Homalophyllus* n. gen. Simpson, G. B. 1921.
- hoversi* Mangilia; Arnold, R. 1342.
- n. var. *Nassa versicolor*; Arnold, R. 1342.
- *Pleurotoma*; Arnold, R. 1342.
- horribilis* Hadrachne; Melander, A. L. 1722.
- *Machairodus*; Schlosser, M. 1869.
- hualabehnensis* n. form *Rhinoceros*; Toulas, F. 1975, 1977.
- hungarica* Disiphonia; Pantocsek, J. 1778.
- *Eunotia*; Pantocsek, J. 1778.
- *Semaeysia*; Pantocsek, J. 1778.
- Hyadenognathus* n. gen. Merriam, J. C. 1727.
- hyatti* Barroisiceras; Shattuck, G. 1906.
- *Schistoceras*; Smith, J. P. 1930.
- hybridus* Tirolites; Kittl, E. 1656.
- hyotherioides* Sus; Schlosser, M. 1869.
- Ictidosaurus* n. gen. Broom, R. 1406.
- illyrica* Lucina; Oppenheim, P. 1762.
- *stynchonella*; Bittner, A. 1378.
- illyricum* Cardium?; Oppenheim, P. 1762.
- imbellis* Sardinus; Hay, O. P. 1590.
- imperiale* Cerithium; Oppenheim, P. 1762.
- incarinatus* n. var. *Dolatocrinus excavatus*; Greene, G. K. 1570.
- incisus* Cribroblastus; Hambach, G. 1577.
- incurvata* Aulacothyrus; Bittner, A. 1378.
- *Rhyncopora*; Neviani, A. 1741.
- *Gyroceras*; Kindle, E. M. 1661.
- indianaensis* n. var. *Gypidula romingeri*; Kindle, E. M. 1651.
- indistinctus* Petromartus; Melander, A. S. 1722.
- inequalis* Aviculopecten; Hind, W. 1601.
- infelix* Banaelarus; Mathew, W. D. 1719.
- inflata* Ribeiria; Schubert, R. J. & Waagen, L. 1881.
- inflatus* Proteomocyon; Hatcher, J. B. 1582.
- inflectus* Placotrochus; Dennant, J. 1474.
- infracompressus* Trochocyathus; Dennant, J. 1474.
- infralissica* Ampullospira; Chartron & Coesmann. 1431.
- *Exelissa*; Chartron & Coesmann. 1431.
- insignis* Coccodus; Hay, O. P. 1591.
- instabilis* Asaphus; Reed, F. R. C. 1829.
- intacta* Pleurotoma; Casey, T. L. 1427.
- intermedia* Mitromorpha; Arnold, R. 1342.
- *Pseudomonotis*; Bittner, A. 1377.
- *Valenciennesia*; Gorjanović-Kramberger, K. [Dragutin]. 1559.
- intermedius* n. var. *Glycimeris halli*; Pritchard, G. B. 1818.
- *Pseudobos*; Schlosser, 1869.
- interruptus* Aviculopecten; Bittner, A. 1378.
- intracostata* Clymenia; Frech, F. 1543.
- invidiosa* Arca; Casey, T. L. 1427.
- irideum* Epitornoceras; Frech, F. 1543.
- *Tornoceras*; Frech, F. 1543.
- irregularis* Cryptocoenia; Volz, W. 2012.
- jacksoni* Romingeria; Beecher, C. 1358.
- Jackelocystis* n. gen. Schuchert, C. 1885.

- jeffersoni** Sciurus; Douglass, E. 1488.
johnsoni Drillia; Arnold, R. 1342.
jonesi Desmoceras; Gregory, J. W. 1575.
jordani Pecten; Arnold, R. 1342.
juglandiformis Carpolithus; Berry, E. W. 1369.
jumarensis Trigonina; Kitchin, F. L. 1654.
kalimnae Mytilicardia; Pritchard, G. B. 1818.
kalitensis Crassatella; Oppenheim, P. 1762.
katzeri Amphichlinodonta; Bittner, A. 1378.
 ——— Aviculopecten; Bittner, A. 1378.
 ——— Cardita; Oppenheim, P. 1762.
 ——— Cerithium; Oppenheim, P. 1762.
 ——— Cyrtina; Bittner, A. 1378.
 ——— Heliastrea; Oppenheim, P. 1762.
 ——— Loparia; Oppenheim, P. 1762.
kayseri Eotomaria; Clarke, J. M. & Ruedemann, R. 1444.
keepi Ocinebra; Arnold, R. 1342.
kernerii Tirolites; Kittl, E. 1656.
kidstoni Psymphyllum; Seward, A. C. 1904.
kilianii Prolecanites; Frech, F. 1543.
kilmoriensis Beyrichia; Chapman, F. 1429.
kingicolides Crassatellites; Pritchard, G. B. 1818.
Kionelasma n. gen. Simpson, G. B. 1921.
kirghisensis Aucella; Sokolov, D. N. 1932.
kirki Pentremites; Hambach, G. 1577.
kiseljaki Valenciennesia; Gorjanović-Kramberger, Karl [Dragutin]. 1559.
kittliana Elasmocoenia; Felix, J. 1521.
kittlii Cerithium; Oppenheim, P. 1762.
 ——— Pseudomonotis; Bittner, A. 1377.
 ——— Spirigera; Bittner, A. 1378.
 ——— Terebratula; Bittner, A. 1378.
knechti n. var. Margarita optabilis; Arnold, R. 1342.
kobyi Dimorphastrea; Felix, J. 1522.
kochi Euclastes?; Lörenthey, I. 1693.
 ——— n. var. Planorbis multiformis. Kormos, T. 1666.
koeneni Maeneceras; Frech, F. 1543.
kokeni Tragoceros?; Schlosser, M. 1869.
konjavacensis Serpula; Oppenheim, P. 1762.
koprionicensis Antedon; Remeš, M. 1837.
kossmati Hydnophora; Felix, J. 1521.
krafftii Terebratula; Bittner, A. 1378.
krasseri Schizoneura; Seward, A. C. 1904.
kumiana Alrus; Palibin, I. 1772.
Laccophyllum n. gen. Simpson, G. B. 1921.
laevigata Bythocythere; Egger, J. G. 1504.
laevis Dinarites; Tommasi, A. 1972.
 ——— Leiorhynchus; Gürich, G. 1576.
 ——— Obliquipecten; Hind, W. 1601.
 ——— Palaeolima; Hind, W. 1601.
 ——— Telphusograpsus; Lörenthey. 1690.
langhofferi Valenciennesia; Gorjanović-Kramberger, K. [Dragutin]. 1559.
laqueata Corbula; Casey, T. L. 1427.
lata Craniella; Chapman, F. 1430.
 ——— Gumbelina; Egger, J. G. 1503.

- latecaudatus* Lithophagus; Pritchard, G. B. 1818.
laterecristata Serpula; Oppenheim, P. 1762.
lateseptatus Prolecanites; Frech, F. 1543.
latifrons Saurichthys; Philippi, E., Jaekel, O., Volz, W. & Frech, F. 1798.
latifundia Turbonilla; Arnold, R. 1342.
laticus Lingula; Chapman, F. 1430.
laticutatus Dercetis; Woodward, A. S. 2041.
latisinuata Diploria; Felix, J. 1521.
latistellata Litharæa; Felix, J. 1521.
latona Montlivaltia; Felix, J. 1521.
latus Leptograptus; Elles, G. L. & Wood, E. M. R. 1507.
laubei Inoceramus; Liebus, A. 1687.
le-beli Cyclammina; Herrmann, A. 1597.
leia Batostomella; Condra, G. E. 1454.
lepidoides Poacites; Engelhardt. 1509.
lepidosteoides Saurichthys; Philippi, E. Jaekel, O. Volz, W. & Frech, F. 1798.
Leptocheirus n. gen. Merriam, J. C. 1726.
leptogramma Trochosmia; Felix, J. 1521.
leptomeres Centrastraæ; Felix, J. 1522.
leptophyes Comoseris; Felix, J. 1522.
leptophylla Thamnastrea; Felix, J. 1521.
Leptoplesictis n. gen.; Major, C. I. F. 1710.
leptus Hyolithes; Chapman, F. 1429.
leelii Bothrodendron?; Seward, A. C. 1904.
levispinosus Pycnosterinx; Hay, O. P. 1591.
liasina Nuculina; Bistram, A. 1375.
libyca Stereochelys; Andrews, C. W. 1328A.
lienenklauisi Eucythere; Egger, J. G. 1504.
ligatura Beyrichia; Chapman, F. 1429.
lilydalensis Stropheodonta; Chapman, F. 1430.
limnaeoidea Valenciennesia; Gortanovič-Kramberger, K. [Dragutin]. 1559.
Limninetes n. gen. Douglass, E. 1488.
linae Nautilus; Airaghi, C. 1319.
lineare Platyceras; Kindle, E. M. 1651.
lineopunctata Cythere; Egger, J. G. 1504.
lipoldi Pseudomonotis; Bittner, A. 1377.
litchfieldensis Rhynchonella (?) ; Schuchert, C. 1883.
lithodes Thamnaraea; Felix, J. 1521.
lithothamniodes Aulopsammia; Felix, J. 1521.
lobata n. var. Dekayia ulrichi; Cumings, E. R. 1467.
loczyi Erisocrinus; Katzer, F. 1640.
 ——— Pleurotomaria; Schellwien, E. 1866.
loeffelholzii Aulacothyris; Bittner, A. 1378.
loeschmanni Tornoceras; Frech, F. 1543.
longibrachiatus Botryocrinus; Chapman, F. 1429.
longispina Nodosarca; Egger, J. G. 1503.
loomisi Proterix; Matthew, W. D. 1720.
loparensis Cerithium; Oppenheim, P. 1762.
Loparia n. gen. Oppenheim, P. 1762.
lophiophora Latimaendraræa; Felix, J. 1521.
lophodes Cystodictya; Condra, G. E. 1454.
Lopholasma n. gen. Simpson, G. B. 1921.

- lorioli** Antedon; Remeš, M. 1837.
louisvillensis Eridophyllum; Greene, G. K. 1570.
lowei Turbonilla; Arnold, R. 1342.
loxocolpum Paracerithium; Chartron & Cossman. 1431.
lucasi Brachanchenius; Lucas, F. A. 1703.
lukovicense Cerithium; Oppenheim, P. 1762.
lutosa n. var. Trigonina semiundulata; Pritchard, G. B. 1818.
lydekkeri Mastodon; Schlosser, M. 1869.
macer n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
macilentus n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. R. 1507.
 ——— Phos. Casey, T. L. 1427.
macconochiei Pinakodendron; Kidston, R. 1645.
maccoyi Rhinopterocaris; Chapman, F. 1429.
 ——— Siphonotreta; Chapman, F. 1429.
maccus Cerithium; Oppenheim, P. 1762.
macer Scobinella; Casey, T. L. 1427.
mackayi Lycosuchus; Broom, R. 1406.
madelungi Proneusticosaurus; Volz, W. 2011.
magnifica Retzia; Bittner, A. 1378.
magnificus Globoblastus; Hambach, G. 1577.
magniventrus n. var. Megistocrinus expansus; Greene, G. K. 1570.
majevitzae Melania; Oppenheim, P. 1762.
major Placcocoenia; Felix, J. 1521.
 ——— Solenopsis; Hind, W. 1603.
 ——— Stephanocoenia; Felix, J. 1522.
majori Diphoides; Schlosser, M. 1869.
malici Bittnerites; Kittl, E. 1656.
 ——— Tirolites; Kittl, E. 1656.
mamillata Trigonina; Kitchin, F. L. 1651.
mammillata Coelostylina; Chartron & Cossmann. 1431.
Mancana n. gen. Lucas, F. A. 1704.
manganophila Rhynchonella; Bittner, A. 1378.
mannhardi n. form. Ovis; Toulou, F. 1970.
maplestoni Trochocyathus; Denant, J. 1474.
margaritifera Fenestella; Chapman, F. 1430.
marginatus Cyrtocrinus; Remeš, M.
marianii Atractites; Airaghi, C. 1319.
 ——— Pleuronautilus; Airaghi, C. 1319.
 ——— Ptychites; Airaghi, C. 1319.
marshi Baptonodon; Knight, W. C. 1659.
martensi Adelopoma; Andreae, A. 1326.
martyi Paliurites; Langeron, M. 1672A.
mattewanensis Aralia; Berry, E. W. 1369.
 ——— Pinus; Berry, E. W. 1368.
 ——— Salix; Berry, E. W. 1369.
mattiaca Hyalinia; Boettger, O. 1385.
matutina Spirigera; Bittner, A. 1378.
maudensis Crassatellites; Pritchard, G. B. 1818.
maxima Dieconeura; Melander, A. L. 1722.
maximum Coccophyllum; Volz, W. 2012.
maximus Agriochoerus; Douglass, E. 1488.
 ——— Dercetis; Woodward, A. S. 2041.
mazonus Eucaenus; Melander, A. L. 1722.

- notiaeana* Apternodus ; Matthew, W. D. 1719.
- Megablattina* n. gen. Sellards, E. H. 1897.
- megarhyncha* Spiriferina ; Bittner, A. 1378.
- melbourneensis* Chonetes ; Chapman, F. 1430.
- melissensis* Spirifer ; Enderle, J. 1508.
- Meniscophyllum* n. gen. Simpson, G. B. 1921.
- mentzeliae* Pecten ; Bittner, A. 1378.
- meridionalis* Spiriferina ; Bittner, A. 1378.
- merriami* Drillia ; Arnold, R. 1342.
- mesaliaeformis* Coelostylina ; Chartron & Cossmann. 1431.
- micastraea* Phillipsastraea ; Penecke, K. A. 1787.
- microdon* Sus ; Schlosser, M. 1869.
- Microdrillia* n. gen. Casey, T. L. 1427.
- microglossa* Spiriferina ; Bittner, A. 1378.
- microphyes* Pachygyra ; Felix, J. 1521.
- Trochocyathus ; Felix, J. 1521.
- micropora* Craticularia ; Ungern-Sternberg, E. 1993.
- Micropternodus* n. gen. Matthew, W. D. 1719.
- miliacea* Pseudomelania ; Chartron & Cossmann. 1431.
- Milleporidium* n. gen. Steinmann, G. 1948.
- minima* Chama ; Remeš, M. 1837.
- Columbella ; Arnold, R. 1342.
- Gaudryina ; Egger, J. G. 1503.
- minimus* Agriochœrus ; Douglass, E. 1488.
- minor* Eumys ; Douglass, E. 1488.
- Romingeria ; Beecher, C. E. 1358.
- Trachelomonas ; Palmer, T. 1773.
- minuta* Dimorphina ; Egger, J. G. 1503.
- minutissima* Microdrillia ; Casey, T. L. 1427.
- minutum* Meniscophyllum ; Simpson, G. B. 1921.
- minutus* Hyaenodon ; Douglass, E. 1488.
- miocaenica* Hyalinia ; Andreae, A. 1326.
- mira* Aulacothyris ; Bittner, A. 1378.
- mirum* Heliophyllum ; Greene, G. K. 1570.
- mittereri* Lima ; Dreger, J. 1496.
- mojsisovici* Gymnites ; Däner, C. 1484.
- moleograffi* Trigonina ; Newton, R. B. 1746.
- mollense* Cyphosoma ; Paulcke, W. 1781.
- molyneuxi* Acrolepis ; Woodward, A. Smith. 2046.
- monoptychus* Hololobus ; Kittl, E. 1656.
- Tirolites ; Kittl, E. 1656.
- montanaensis* Viviparus ; Stanton, T. W. 1938.
- montanus* Hyaenodon ; Douglass, E. 1488.
- Stibarus ; Matthew, W. D. 1719.
- montium* Enchelion ; Hay, O. P. 1591.
- montuosa* Thamnastraea ; Felix, J. 1521.
- mooraboolensis* Mytilus ; Pritchard, G. B. 1818.
- moorei* Paracerithium ; Chartron & Cossmann. 1431.
- moravica* Vulsella ; Remeš, M. 1837.
- moravicus* Pecten ; Remeš, M. 1837.
- morlaccus* Dalmatites ; Kittl, E. 1656.
- mostarensis* Astraeopora ; Oppenheim, P. 1762.
- mülleri* Pecten ; Menzel, H. 1724.

- multibrachiatus** Dolatocrinus; Greene, G. K. 1570.
- multicoelatus** Dinarites; Kittl, E. 1656.
- multiformis** Ceriopora; Dacqué, E. 1468.
- multinodosus** Dolatocrinus; Greene, G. K. 1571.
- multiseptata** Lonsdaleia; Enderle, J. 1508.
- multispinatus** Tirolites; Kittl, E. 1656.
- munieri** Castresia; Stefano (De), G. 1944.
- muschketowi** Corbula; Böhm, J. 1852.
- Mylagaulodon** n. gen. Sinclair, W. J. 1922.
- mysius** Productus; Enderle, J. 1508.
- nebrascensis** n. var. *Fistulipora carbonaria*; Condra, G. E. 1454.
- *Paramylodon*; Brown, B. 1412.
- *Proamphicyon*; Hatcher, J. B. 1582.
- neocomiensis** *Acanthocoenia*; Volz, W. 2012.
- Neohipparion** n. gen. Gidley, J. W. 1554.
- Nepheliospongia** n. gen. Clarke, J. M. 1438.
- nepionica** *Pleurotoma*; Casey, T. L. 1427.
- nepos** *Trigonia*; Paulcke, W. 1781.
- nestor** n. subsp. *Lyria*; Casey, T. L. 1427.
- neurocarpa** *Ficus*; Hollick, A. 1613.
- newsomi** *Goniatites*; Smith, J. P. 1930.
- *Paralegoceras*; Smith, J. P. 1930.
- *Pecten*; Arnold, R. 1342.
- nissa** *Rhynchonella*; Bittner, A. 1378.
- nitida** *Camarotoechia*; Kindle, E. M. 1651.
- *Trigonia*; Kitchin, F. L. 1654.
- nitidula** *Rhynchonella*; Bittner, A. 1378.
- nodosa** n. var. *Margarita optabilis*; Arnold, R. 1342.
- noduliferus** *Dolatocrinus*; Greene, G. K. 1570.
- Nolesaphus** n. gen. Gregory, J. W. 1572.
- novae-caesareae** *Rhamnus*; Berry, E. W. 1369.
- noveboracum** *Monomerella*; Clarke, J. M. & Ruedemann, R. 1444.
- obesula** *Aulacothyris*; Bittner, A. 1378.
- obesum** *Glyphioceras*; Foord, A. H. 1528.
- Obliquipecten** n. gen. Hind, W. 1601.
- obliquiradiata** *Palaeolima*; Hind, W. 1601.
- oblivia** *Pleurotoma*; Casey, T. L. 1427.
- obtusus** *Pentremites*; Hambach, G. 1577.
- occidentale** *Glyphioceras*; Foord, A. H. 1528.
- occidentalis-thuringiaca** *Thuja*; Schlechtendal, D. von. 1867.
- ocellatus** *Strophochetus*; Seely, H. M. 1893.
- octopartita** *Goniaraea*; Oppenheim, P. 1762.
- oculinaeformis** *Heterocoenia*; Felix, J. 1521.
- Odontophyllum** n. gen. Simpson, G. B. 1921.
- ogilviae** *Oculina*; Felix, J. 1521.
- oldroydi** *Columbella*; Arnold, R. 1342.
- *Mangilia*; Arnold, R. 1342.
- opaculum** *Dentalium*; Casey, T. L. 1427.
- Opetiosaurus** n. gen. Kornhuber, A. 1667-1668.
- oppeli** *Caryophyllia*; Remes, M. 1837.
- oppelti** *Megistocrinus*; Greene, G. K. 1570.
- oppoliensis** *Coryna*; Andreae, A. 1326.

- orientalis* Cytherea; Oppenheim, P. 1762.
ornata Haplohelix; Felix, J. 1521.
 ————— Szechenyia; Pantocsek, J. 1778.
ornatus Globoblastus; Hambach, G. 1577.
 ————— Osmeroides; Hay, O. P. 1591.
 ————— Prodomites; Smith, J. P. 1930.
Ornitholestes n. gen. Osborn, H. F. 1767.
orthophragma Nodosaria; Egger, J. G. 1503.
ortuanni Goniochasis?; Stanton, T. W. 1938.
ortoni Estheria; Clarke, J. M. 1442.
osmanica Spiriferina; Bittner, A. 1378.
osmonti Shastasaurus; Merriam, J. C. 1725.
otwayensis Pleuropodia; Dennant, J. 1474.
 ————— Schismopora; Mapstone, C. M. 1711.
pachyodon Hyaenognathus; Merriam, J. C. 1727.
painei Mangilia; Arnold, R. 1342.
Palaeolima n. gen. Hind, W. 1601.
Palaeomunida n. gen. Lörenthey. 1690.
palaeopetala Magnolia; Hollick, A. 1613.
palaeosinensis Gazella; Schlosser, M. 1869.
Palaeosphaeroma n. gen. Remeš, M. 1837.
Paliguana n. gen. Broom, R. 1408.
palkowae Spirifer; Gürich, G. 1576.
palmatus Thamniscus; Condra, G. E. 1454.
pylon n. gen. Wieland, G. R. 2028.
pyloides Coelostylina; Chartron & Coessmann. 1431.
Paraboselaphus n. gen. Schlosser, M. 1869.
Paracamelus n. gen. Schlosser, M. 1869.
Paracerithium n. gen. Chartron & Coessmann. 1431.
paradoxa Aucella; Sokolov, D. N. 1932.
Paralytoceras n. subgen. Frech, F. 1543.
Paramylodon n. gen. Brown, B. 1412.
pardalina Lucina; Oppenheim, P. 1762.
paronai Ceratites; Airaghi, C. 1319.
 ————— Pleuromutilus; Airaghi, C. 1319.
Paropsonema n. gen. Clarke, J. 1437.
parva Trigonina; Kitchin, F. L. 1654.
parvipora Fenestella; Condra, G. E. 1454.
parvistella Styliina; Volz, W. 2012.
parvus Cidaroblastus; Hambach, G. 1577.
pastrovicchiana Rhynchonella; Bittner, A. 1378.
patazena Rhynchonella; Bittner, A. 1378.
paterculus Cynodictis; Matthew, W. D. 1719.
patronus Protophragnoceras; Clarke, J. M. & Ruedemann, R. 1444.
paucicostatus n. var. Glycimeris halli; Pritchard, G. B. 1818.
paucispinatus Tirolites; Kittl, E. 1656.
pavlovi Aucella; Sokolov, D. N. 1932.
pectinata Cardiola; Walther, K. 2017.
pedroana n. var. Callista sub-diaphana; Arnold, R.
 ————— n. var. Mangilia interfossa; Arnold, R. 1342.
 ————— n. var. Margarita parpicpita; Arnold, R. 1342.
 ————— Pleurotoma; Arnold, R. 1342.
 ————— Trophon; Arnold, R. 1342.

- pedroana* n. var. *Turbonilla lowei*; Arnold, R. 1312.
- pedroensis* Caryophyllia; Arnold, R. 1342.
- *Paracyathus*; Arnold, R. 1342.
- pellucida* *Hyperammina*; Schubert, R. J. 1874.
- penecke* *Melanatria*; Oppenheim, P. 1762.
- pentalopha* *Turbonilla*; Arnold, R. 1342.
- peracuta* *Cylindrobullina*; Chartron & Cosman. 1431.
- percorrugata* Unio; Whitfield, R. P. 2026.
- percostatus* *Tirolites*; Kittl, E. 1656.
- perdewi* *Pseudocrinites*; Schuchert, C. 1885.
- peregrinus* *Arietites*; Fucini, A. 1547.
- perelegans* *Actinacis*; Oppenheim, P. 1752.
- pergamena* *Murchisonia*; Enderle, J. 1508.
- pernodosus* *Dolatocrinus*; Greene, G. K. 1570.
- perpusilla* *Rhynchonella*; Bittner, A. 1378.
- perrini* *Shastasauros*; Merriam, J. C. 1725.
- pertenuis* *Sagenodus*; Eastman, C. R. 1499.
- peruana* n. var. *Trigonia crenulata*; Paulcke, W. 1781.
- pervulgatus* *Pecten*; Bittner, A. 1378.
- petiolus* *Haplophragmium*; Egger, J. G. 1503.
- Petromartus* n. gen. Melander, A. L. 1722.
- pileum* n. var. *Platyceras dumosum*. Kindle, E. M. 1651.
- pilsbryi* *Tellina*; Casey, T. L. 1427.
- pinnatus* *Thamniscus*; Condra, G. E. 1454.
- piracanensis* *Spirifer*; Katzer, F. 1640.
- Placophyllum* n. gen. Simpson, G. B. 1921.
- plaga* *Cerithium*; Oppenheim, P. 1762.
- planicallosum* *Endianaulax*; Chartron & Cosman. 1431.
- planicostatus* *Trochocyathus*; Dennant, J. 1474.
- planilabium* *Ataphrus*; Chartron & Cosmann. 1431.
- planoconvexa* *Waldheimia*; Bittner, A. 1378.
- planus* *Ordaicarpus*; Kidston, R. 1645.
- platyceps* *Limninetes*; Douglass, E. 1488.
- plesictoides* *Genetta*; Bate, D. M. A. 1352.
- Pleuropodia* n. gen. Dennant, J. 1474.
- pliocaenica* *Pelomedusa*; Reinach, A. von. 1833.
- pliocaenicus* *Trionyx*; Reinach, A. von. 1833, 1834.
- plocophorum* *Procerithium*; Chartron & Cosman. 1431.
- plumosus* *Helicocrinus*; Chapman, F. 1429.
- pluriplicata* *Scobinella*; Casey, T. L. 1427.
- plutonica* *Pleurotoma*; Casey, T. L. 1427.
- podocnemoides* *Stereogenys*; Reinach, A. von. 1833, 1834.
- poechi* *Orthotichia*; Katzer, F. 1640.
- polygonum* *Dentalium*; Casey, T. L. 1427.
- polyporoides* *Fenestella*; Condra, G. E. 1454.
- polyspinosa* *Stenopora*?; Condra, G. E. 1454.
- polystyla* *Centrastraea*; Felix, J. 1522.
- ponti* *Ctenostreon*; Broili, F. 1398.
- pontificale* *Cerithium*; Oppenheim, P. 1762.
- pontivagus* *Osmeroides*; Hay, O. P. 1591.
- Porthocyon* n. gen. Merriam, J. C. 1727.
- postbiplicata* Unio; Whitfield, R. P. 2026.

- potamidulum Procerithium; Char-
 tron & Cossman. 1431.
 praeidentatum Cerithium; Oppen-
 heim, P. 1762.
 praecedens Ceraticaris; Clarke,
 J. M. 1442.
 ——— n. var. Favosites helder-
 bergiae; Schuchert, C.
 1883.
 praecox Terebratula; Bittner, A.
 1378.
 praecursor Aganides; Frech, F.
 1543.
 ——— Beloceras; Frech, F. 1543.
 ——— n. var. Columbella solidula;
 Arnold, R. 1342.
 ——— n. var. Leda minuta;
 Arnold, R. 1342.
 ——— Strepsiceros; Schlosser, M.
 1869.
 ——— n. var. Trophon stuarti;
 Arnold, R. 1342.
 praelonga Krithe; Egger, J. G.
 1504.
 praemucronata Flabellinella; Liebus,
 A. & Schubert, R. J.
 1688.
 praevaliana Aulacothyris; Bittner,
 A. 1378.
 praeziczac Aturia; Oppenheim, P.
 1764.
 pratzi Haplaraea; Felix, J. 1521.
 preveri Atractites; Airaghi, C.
 1319.
 primaeva Nelumbo; Berry, E. W.
 1369.
 prionoides Stacheites; Kittl, E.
 1656.
 prior Ceratites; Kittl, E. 1656.
 ——— Hydnophyllia; Oppenheim,
 P. 1762.
 ——— Porocidaris; Oppenheim, P.
 1762.
 ——— Venus; Oppenheim, P. 1762.
 priscus Haplocanthus; Hatcher, J. B.
 1585.
 Prismaophyllum n. gen. Simpson,
 G. B. 1921.
 Proamphicyon n. gen. Hatcher, J. B.
 1582.
- proavus Joannites; Diener, C. 1484.
 Procerithium n. gen. Chartron &
 Cossman. 1431.
 proclivis Rhynchonella; Bittner, A.
 1378.
 procrystallina Hyalinia; Andreae, A.
 1326.
 profectus Leptotragulus; Matthew,
 W. D. 1719.
 progaleata Pelomedusa; Reinach,
 A. von. 1833.
 progonos Trigonina; Paulcke, W.
 1781.
 progressus Dinarites; Kittl, E.
 1656.
 prominensis Lucina; Oppenheim, P.
 1762.
 ——— Thracia; Oppenheim, P.
 1762.
 ——— Turritella; Oppenheim, P.
 1762.
 Proneusticosaurus n. gen. Volz, W.
 2011.
 propinqua Trigonina; Kitchen, F. L.
 1654.
 prora Trigonina; Kitchin, F. L.
 1654.
 Prosciurus n. sub-gen. Matthew,
 W. D. 1719.
 prosseri Meekopora; Condra, G. E.
 1454.
 Protegnocyon n. gen. Hatcher,
 J. B. 1582.
 Proteriz n. gen. Matthew, W. D.
 1720.
 Protetraceros n. gen. Schlosser, M.
 1869.
 Protodictyon n. gen. Melander,
 A. L. 1722.
 prunus Strephochetus; Seely, H. M.
 1893.
 psecadiophora Trochosmilia; Felix,
 J. 1521.
 Pseudarietites n. gen. Frech, F.
 1543.
 Pseudobos n. gen. Schlosser, M.
 1869.
 pseudosphæricum Sporadoceras; Frech,
 F. 1543.
 pseudospirulae Serpula; Oppen-
 heim, P. 1762.

- Pailogyra* n. gen. Felix, J. 1521.
- paebiensis* Placotrochus; Dennant, J. 1474.
- pulchellum* Glyphioceras; Foord, A. H. 1528.
- pulchra montereyi* Semele; Arnold, R. 1342.
- pulchra* Trigonina; Kitchin, F. L. 1654.
- pulchripenne* Protodictyon; Melander, A. L. 1722.
- pygmaea* Cyathophora; Volz, W. 2012.
- Cyclotella; Pantocsek, J. 1778.
- pygmaeum* Chonophyllum; Greene, G. K. 1570.
- pyriformis* Dimorphocella; Maples-stone, C. M. 1711.
- Sclerocrinus; Remeš, M. 1837.
- quadrangularis* Cyrena; Oppenheim, P. 1762.
- Lima; Remeš, M. 1837.
- quadripinnis* Anguillavus; Hay, O. P. 1591.
- quinquegranosum* Procerithium; Chartron & Cossmann. 1431.
- quinquepartitus* Stephanocrinus; Greene, G. K. 1570.
- radiatus* Halysites; Whitfield, R. P. 2027.
- radiolata* Krithe; Egger, J. G. 1504.
- Ramphodus* n. gen. Jaekel, O. 1622.
- raristella* Leptoseris?; Oppenheim, P. 1762.
- reclinata* Aulacothyris; Bittner, A. 1378.
- reedsdalense* Pseudamusium; Hind, W. 1601.
- redlichi* Polypodium; Engelhardt, H. 1509.
- Spondylus. Oppenheim, P. 1762.
- recurva* Trigonina; Kitchin, F. L. 1654.
- redunca* Aulacothyris; Bittner, A. 1378.
- regulare* Rhizopoterion; Ungern-Sternberg, E. 1993.
- reissi* Exogyra; Paulcke, W. 1781.
- remeši* Actinacis; Felix, J. 1518.
- Milleporidium; Steinmann, G. 1948.
- Tetraploporella; Steinmann, 1949.
- remota* Polypora; Condra, G. E. 1454.
- Trigonina; Kitchin, F. L. 1654.
- renaudi* Drillia; Arnold, R. 1342.
- repentina* Rhynchonella; Bittner, A. 1378.
- reptans* Aulopsammia; Felix, J. 1521.
- repulsus* Tirolites; Kittl, E. 1656.
- retrorsa* Trigonina; Kitchin, F. L. 1654.
- retusoides* Unio; Whitfield, R. P. 2026.
- reversipora* Polypora; Condra, G. E. 1454.
- rhenana* Brooksella; Kinkelin, F. 1653.
- Rhinopterocaris* n. gen. Chapman, F. 1429.
- rhomboidea* Cytherea; Oppenheim, P. 1762.
- rhomboideus* Cyclolites; Oppenheim, P. 1762.
- Ribeirella* n. gen. Schubert, R. J. & Waagen, L. 1881.
- richardsoni* Dionide; Reed, F. R. C. 1829.
- rimosiformis* Stignaria; Kidston, R. 1645.
- roashensis* Phyllocoenia; Dacqué, E. 1468.
- robusta* Chonetes; Chapman, F. 1430.
- Spiroplecta; Egger, J. G. 1503.
- robustula* Microdrillia; Casey, T. L. 1427.

- robustum* Oreodon; Douglass, E. 1488.
robustus Tirolites; Kittl, E. 1651.
roemeri Hyalinia; Andreae, A. 1326.
 ——— Pholadomya; Shattuck, G. B. 1906.
rogersi Araucarites; Seward, A. C. 1904.
roosevelti Pseudoniscus; Clarke, J. M. 1442.
rostockiensis Navicula; Heiden. 1592.
rostratula Microdrillia; Casey, T. L. 1427.
rotiformis Tirolites; Kittl, E. 1656.
rotula Calcarina; Egger, J. G. 1503.
rotundata Plicatula; Remeš, M. 1837.
rugosa Limnaea; Gorjanovič-Kramberger, Karl [Dragutin]. 1559.
rusticus Pentremites; Hambach, G. 1577.
rutimeyeri Cervavus; Schlosser, M. 1869.
saevus Enchodus; Hay, O. P. 1590.
salomonis Sclerorhynchus; Hay, O. P. 1591.
sanctae-monicae Bela; Arnold, R. 1342.
sardus Lophiodon; Bosco, C. 1390.
saundersii Gleichenia; Berry, E. W. 1368.
sauridens Poterioceras; Clarke, J. M. & Ruedemann, R. 1444.
saxea Clemmys; Hay, O. P. 1589.
saxonicus Inoceramus; Petrascheck, W. 1793.
scamnata Poleumita; Clarke, J. M. & Ruedemann, R. 1444.
Scenophyllum n. gen. Simpson, G. B. 1921.
schafarziki Valenciennesia; Gorjanovič-Kramberger, K. [Dragutin]. 1559.
schafferi Phillipsastraea; Penecke, K. A. 1787.
schafhaeutli Natica; Oppenheim, P. 1762.
schlosseri Aviculopecten; Bittner, A. 1378.
 ——— Oculina; Felix, J. 1521.
Schoenophyllum n. gen. Simpson, G. B. 1921.
schucherti Cribroblastus; Hambach, G. 1577.
Schuchertites n. gen. Smith, J. P. 1930.
sclateri Scylacosaurus; Broom, R. 1406.
scopularis Conus; Casey, T. L. 1427.
 ——— Lucina; Casey, T. L. 1427.
scotica Schumardia; Reed, F. R. C. 1829.
scotica Limatula; Hind, W. 1601.
sculpturata Lima; Remeš, M. 1837.
sculptus Gennaeocrinus; Greene, G. K. 1570.
Scylacosaurus n. gen. Broom, R. 1406.
Scymnosaurus n. gen. Broom, R. 1406.
scythica Aucella; Sokolov, D. N. 1932.
seeleyi Deuterosaurus?; Nopcsa, F. jun. 1749.
selwyni Orbiculoidea; Chapman, F. 1430.
semibaculi Bifarina; Liebus, A. & Schubert, R. J. 1688.
sempi plana Aulacothyrus; Bittner, A. 1378.
sempi planus Trochoseris; Oppenheim, P. 1762.
senckenbergianus Trionyx; Reinach, A. von. 1833. 1834.
senilis Amastra; Baldwin, D. D. 1345.
senonensis Arthraster; Valette, D. A. 1996.
 ——— Pentaceros; Valette, D. A. 1996.
sentus Sclerorhynchus; Hay, O. P. 1591.
sequax Protosphyraena; Hay, O. P. 1590.
serpentinus Leptotrachelus; Hay, O. P. 1591.

- serratelobatus* Tirolites; Kittl, E. 1656.
- serratus* Pentremites; Hambach, G. 1577.
- serrulata* Loxoconcha; Egger, J. G. 1504.
- shelbiensis* Bellerophon; Clarke, J. M. & Rudemann, R. 1444.
- shumardi* Lima; Shattuck, G. B. 1906.
- Shumardites* n. gen. Smith, J. P. 1930.
- siebenthali* Pronorites; Smith, J. P. 1930.
- signata* Cythere; Egger, J. G. 1504.
- signifer* Ctenothrissa; Hay, O. P. 1591.
- significans* Microdiscus; Etheridge, R. 1517.
- sikorai* Melanopsis; Brusina, S. 1414.
- silberlingi* Goniobasis?; Stanton, T. W. 1938.
- silesiacus* Proneusticosaurus; Volz, W. 2011.
- Pseudarietites; Frech, F. 1543.
- silex* Haplophragmium; Egger, J. G. 1503.
- simondsi* Shumardites; Smith, J. P. 1930.
- simulatrix* Aulacothyris; Bittner, A. 1378.
- sinensis* Alcicephalus; Schlosser, M. 1869.
- Palaeoreas?; Schlosser, M. 1869.
- Vulpes; Schlosser, M. 1869.
- sinuosa* Stenogyra; Felix, J. 1521.
- sliacsensis* Cymbella; Pantocsek, J. 1778.
- smithi* Pleurotoma; Arnold, R. 1342.
- Terebratalia; Arnold, R. 1342.
- Solenomorpha* n. gen.; Cockerell, T. D. A. 1449.
- Solenopora* n. gen. Mapleston, C. M. 1711.
- solidula* Microdrillia; Casey, T. L. 1427.
- solitaria* Spiriferina; Bittner, A. 1378.
- soror* Aulacothyris; Bittner, A. 1378.
- sparsa* Aulacothyris; Bittner, A. 1378.
- spathatus* Globoblastus; Hambach, G. 1577.
- speciosus* Cervavus; Schlosser, M. 1869.
- spectabilis* Tragoceros; Schlosser, M. 1869.
- sphaericus* Bellerophon; Walther, K. 2017.
- Sphenoceras* n. subgen. Foord, A. H. 1528.
- spiculifera* Trachelomonas; Palmer, T. 1773.
- spirea* Cythere; Egger, J. G. 1504.
- spinifer* n. var. Leptograptus flaccidus; Elles, G. L. & Wood, E. M. K. 1507.
- spiniferus* n. var. Gennaeocrinus comptus; Greene, G. K. 1570.
- spinosa* n. var. Platyceras rictum. Kindle, E. M. 1651.
- Pseudocythere; Egger, J. G. 1504.
- Trachelomonas; Palmer, T. 1773.
- spinosior* Tirolites; Kittl, E. 1656.
- spinuliferus* n. var. Megistocrinus rugosus; Greene, G. K. 1570.
- spinulosa* Fenestella; Condra, G. E. 1454.
- spinulosum* Haplophragmium; Egger, J. G. 1503.
- spissicostata* Trigonina; Kitchin, F. L. 1654.
- splendens* Thurammina; Egger, J. G. 1503.
- spongilla* Astrocoenia; Oppenheim, P. 1762.

- springeri* Dolatocrinus; Greene, G. K. 1570.
spryi Lingula; Chapman, F. 1430.
stachei Frondicularia; Liebus, A. & Schubert, R. J. 1688.
 ——— Heterocoenia; Felix, J. 1521.
 ——— Murchisonia; Enderle, J. 1508.
 ——— Pseudomonotis; Bittner, A. 1377.
 ——— Tirolites; Kittl, E. 1656.
Stacheites n. gen. Kittl, E. 1656.
stampai Proarcestes; Airaghi, C. 1319.
stanbi Melanopsis; Brusina, S. 1414.
stantoni Pleurotomaria; Shattuck, G. B. 1906.
stearnsii Odostomia; Arnold, R. 1342.
 ——— Turbonilla; Arnold, R. 1342.
stehleni Sus; Schlosser, M. 1869.
steinmanni Eudictyon; Bistram, A. 1375.
 ——— Phlyctenodes; Lörenthey. 1690.
stellata Cellepora; Maplestone, C. M. 1711.
stellatus Pseudocrinites; Schuchert, C. 1885.
Stenoprotome n. gen. Hay, O. P. 1591.
Stereolasma n. gen. Simpson, G. B. 1921.
stokesi Glyphaea; Weller, S. 2023.
 ——— Paludestrina; Arnold, R. 1342.
Stolzenburgiella n. sub-gen. Bittner, A. 1378.
stoppanii Pinacoceras; Airaghi, C. 1319.
stormbergensis Baiera; Seward, A. C. 1904.
 ——— Callipteridium; Seward, A. C. 1904.
strambergensis Sphaeroma; Remeš, M. 1837.
strambergensis Pecten; Remeš, M. 1837.
 ——— Placunopsis; Remeš, M. 1837.
strenuum Dentalium; Casey, T. L. 1427.
Strephochetus n. gen. Seely, H. M. 1893.
striatula Gastrochaena; Aldrich, T. H. 1321.
stromeri Podocnemis; Reinach, A. von. 1833, 1834.
strongi Mangilia; Arnold, R. 1342.
stürztzi Gemündina; Traquair, R. H. 1982.
styriacus Hippurites; Hilber, V. 1600.
subangularis Alveolites; Greene, G. K. 1570.
subcirculare Platyceras; Kindle, E. M. 1651.
subfrondosa Dekayia; Cumings, E. R. 1467.
subfunatum Cerithium; Oppenheim, P. 1762.
subillyricus Tirolites; Kittl, E. 1656.
subquadratum Glyptioceras; Foord, A. H. 1528.
subquadrilaterus Proroporus; Liebus, A. & Schubert, R. J. 1688.
subradiatus Trinucleus; Reed, F. R. C. 1829.
subreticulatum Glyptioceras; Foord, A. H. 1528.
sub-rollei Actinacis; Oppenheim, P. 1762.
subrudis Fenestella; Condra, G. E. 1454.
subtiara Cerithium; Oppenheim, P. 1762.
subtilis Calamophyllia; Oppenheim, P. 1762.
subtruncatum Glyptioceras; Foord, A. H. 1528.
suessi Grhipopithecus; Abel, O. 1314.
sulcata Kustaracne; Melander, A. L. 1722.
sulcifera Cythere; Egger, J. G. 1504.

- sulzensis* n. form *Vaginulina*; Herrmann, A. 1596.
- supina* *Aulacothyrus*; Bittner, A. 1378.
- supradevonicum* *Thamnophyllum*; Penecke, K. A. 1787.
- surgens* *Proroporus*; Egger, J. G. 1503.
- susedana* *Quercus*; Palibin, I. 1772.
- suspecta* *Terebratula*; Bittner, A. 1378.
- svilajanus* *Kymatites*; Kittl, E. 1656.
- Svilajites* n. subgen. Kittl, E. 1656.
- sylvaticus* *Tragoceros*; Schlosser, M. 1869.
- Synaptophyllum* n. gen. Simpson, G. B. 1921.
- Szechenyia* n. gen. Pantocsek, J. 1778.
- tabulatum* *Placophyllum*; Simpson, G. B. 1921.
- tanguticus* *Xenodiscus*; Schellwien, E. 1865, 1866.
- tapajotensis* *Griffithides*; Katzer, F. 1640.
- tapeti* *Cerithium*; Oppenheim, P. 1762.
- taramellii* *Ptychites*; Airaghi, C. 1319.
- tatei* *Nilssonina*; Seward, A. C. 1904.
- taxipater* *Meles*; Schlosser, M. 1869.
- tectiformis* *Eucylus*; Chartron & Coesmann. 1431.
- *Orthis*; Walther, K. 2017.
- telleri* *Bittnerites*; Kittl, E. 1656.
- *Psilogyra*; Felix, J. 1521.
- *Tirolites*; Kittl, E. 1656.
- Telphusograpsus* n. gen. Lörenthey. 1690.
- temnodon* *Palaeolagus*; Douglass, E. 1488.
- tenuifolius* *Populites*; Berry, E. W. 1369.
- tenuis* *Cribroblastus*; Hambach, G. 1577.
- *Sclerocrinus*; Remeš, M. 1837.
- tenuis* *Trigonia*; Kitchin, F. L. 1654.
- tenuistriata* *Arca*; Remeš, M. 1837.
- tenuistriatus* *Cribroblastus*; Hambach, G. 1577.
- Teratorhynchus* n. subgen. Reed, F. R. C. 1829.
- terebialis* *Promathildia* Chartron & Coesmann. 1431.
- tergestina* *Madrepora*; Oppenheim, P. 1762.
- tergestinus* *Pericosmus*; Oppenheim, P. 1762.
- terquemi* *Endiataenia*; Chartron & Coesmann. 1431.
- tertiaria* *Pleurotomaria*; Pritchard, G. B. 1819.
- tetragona* *Saccocaris*; Chapman, F. 1429.
- Tetraploporella* n. gen. Steinmann. 1949.
- tetrodon* *Ramphodus*; Jaekel, O. 1622.
- texana* *Anatina*; Shattuck, G. B. 1906.
- *Orbicella*?; Vaughan, T. W. 2008.
- *Parasmilia*; Vaughan, T. W. 2008.
- texanum* *Barroisiceras*; Shattuck, G. B. 1906.
- *Cerithium*?; Shattuck, G. B. 1906.
- *Dimorphoceras*; Smith, J. P. 1930.
- *Glyptotherium*; Osborn, H. F. 1768.
- texanus* *Fusus*; Shattuck, G. B. 1906.
- *Platygonus*; Gidley, J. W. 1555.
- textilis* *Thecospira*; Bittner, A. 1378.
- thebensis* *Pleurotomaria*; Oppenheim, P. 1764.
- thedfordensis* n. var. *Spirifer mucronatus*; Shimer, H. W. & Grabau, A. W. 1912.
- themaki* *Melanopsis*; Brusina, S. 1414.

- thomsoni* *Lithothamnium*: Matthew, W. D. 1719.
tietszei *Sclerophyllites*: Kittl, E. 1856.
tirolites *Tirolites*: Kittl, E. 1858.
triloboides *Triloboides*: Kittl, E. 1858.
trianellix *Perachertium*: Matthew, W. D. 1719.
tridentina *Plicatula*: Remeš, M. 1837.
tridentinus *Eugeniocrinus*: Remeš, M. 1837.
triummasii *Attractites*: Airaghi, C. 1319.
triummasii *Nautilus*: Airaghi, C. 1319.
Trochoceras n. gen. Merriam, J. C. 1736.
torquata *Serpula*: Remeš, M. 1837.
tortuosa *Lamogyra*: Felix, J. 1521.
trichi *Melanopsis*: Brusina, S. 1414.
trilobai *Tirolites*: Kittl, E. 1856.
transiens *Phylloemilia*: Felix, J. 1521.
transversalis *Pertambonites*: Chapman, F. 1430.
trapeziformis *Trigonia*: Kitchin, F. L. 1654.
trebeviensis *Rhynchonella*: Bittner, A. 1378.
tridentina *Pseudomonotis*: Bittner, A. 1377.
trifolium *Haplophragmium*: Egger, J. G. 1503.
Trigenerina n. gen. Schubert, R. J. 1874.
Triplophyllum n. gen. Simpson, G. B. 1921.
trisinuatus *Zaphrentis*: Greene, G. K. 1570.
troianus *Productus*: Enderle, J. 1508.
truncata *Prothyris*: Cleland, H. F. 1447.
trusitum *Orthoceras*: Clarke, J. M. & Ruedemann, R. 1444.
tschernyschewi *Ekbainacanthus*: Jakowlew, N. 1625.
tuberculatus n. var. *Lichas hirsutus*: Reed, F. R. C. 1826.
tubiporaeformis *Calamophyllia*: Felix, J. 1522.
tubalifera *Solenopora*: Maplestone, C. M. 1711.
tulipaformis *Pentremites*: Hambach, G. 1577.
tumula *Trigonia*: Kitchin, F. L. 1654.
turbinatus *Pentremites*: Hambach, G. 1577.
turcica *Spiriferina*: Bittner, A. 1378.
turgidula *Ankicothyris*: Bittner, A. 1378.
tuiziana *Chama*: Oppenheim, P. 1762.
tylophora *Stannocis*: Reichelt, H. 1832.
typica *Nepheliospongia*: Clarke, J. M. 1438.
uhligi *Astarte*: Remeš, M. 1837.
uhligi *Cyclammina*: Schubert, R. J. 1874.
uhligi *Goniochymenia*: Frech, F. 1543.
uhligi *Placocoenia*: Volz, W. 2012.
ulrichi *Caualocrinus*: Schuchert, C. 1885.
ulrichi *Polypora*: Condra, G. E. 1434.
undulata *Limnaea*: Gorjanovič-Kramberger, K. [Dragutin]. 1559.
undulatus *Tirolites*: Kittl, E. 1856.
uniserialis *Retepora*: Maplestone, C. M. 1711.
ursulae *Dimorphina*: Egger, J. G. 1503.
ursulae *Pontocypris*: Egger, J. G. 1503.
utterbacki *Haplocanthosaurus*: Hatcher, J. B. 1583.
vaceki *Bolivina*: Schubert, R. J. 1874.
validus *Leptograptus*: Elles, G. L. & Wood, E. M. R. 1507.
valsoldae n. form. *Avicula*: Bistram, A. 1375.
variabilis *Dimorphina*: Liebus, A. & Schubert, R. J. 1688.

- vaughani** Arca; Casey, T. L. 1427.
 ——— Cardium; Shattuck, G. B. 1906.
 ——— Litharaea; Felix, J. 1521.
 ——— Pectunculus; Woods, H. 2036.
vendaeense Procerithium; Chartron & Cossmann. 1431.
ventricosa Amphissa; Arnold, R. 1342.
ventricosus Saccoblastus; Hambach, G. 1577.
verae Tornoceras; Frech, F. 1543.
vermiculata Aulopsammia; Felix, J. 1521.
vermiculosa Trachelomonas; Palmer, T. 1773.
verrucosiformis Unio; Whitfield, R. P. 2026.
verrucosus Cribroblastus; Hambach, G. 1577.
veryi Carpenteroblastus; Greene, G. K. 1570.
 ——— Stemmatoocrinus?; Greene, G. K. 1570.
vestita Trachelomonas; Palmer, T. C. 1773.
veterior Ischyromys; Matthew, W. D. 1719.
vetustus Scirus; Matthew, W. D. 1719.
vicaria Rhynchonella; Bittner, A. 1378.
vicksburgella Microdrillia; Casey, T. L. 1427.
vicksburgensis Lucina; Casey, T. L. 1427.
 ——— Pleurotoma; Casey, T. L. 1427.
 ——— Venericardia; Casey, T. L. 1427.
vidovici Melanopsis; Brusina, S. 1414.
vitellias Natica; Oppenheim, P. 1762.
volaris Pecten; Bittner, A. 1378.
v-scripta Trigonia; Kitchin, F. L. 1654.
vulgaris Homomya; Shattuck, G. B. 1906.
waageni Spiroloculina; Liebus, A. & Schubert, R. J. 1688.
wabashensis Goniates; Kindle, E. M. 1651.
 ——— Reticularia; Kindle, E. M. 1651.
wachneri Dimorphastraea; Felix, J. 1521.
 ——— Aulacothyris; Bittner, A. 1378.
walteri Cyrtina; Bittner, A. 1378.
wanneri Eulina; Oppenheim, P. 1764.
wardi Listracanthus; Woodward, A. S. 2038.
 ——— Michelinia; Greene, G. K. 1570.
weberi Zaphrentis; Greene, G. K. 1570.
welleri Dolatocrinus; Greene, G. K. 1570.
 ——— Gastrioceras; Smith, J. P. 1930.
 ——— Gonioloboceras; Smith, J. P. 1930.
welschi Cerithiella; Chartron & Cossmann. 1431.
wettsteinii Eunotia; Pantocsek, J. 1778.
whiteavesi Hormotoma; Clarke, J. M. & Ruedemann, R. 1444.
whitei Paliguana; Broom, R. 1408.
whitfieldi Acidaspis; Hitchcock, C. H. 1606.
 ——— Raja; Hay, O. P. 1591.
whitneyi Neohipparion; Gidley, J. W. 1554.
williamsi Martinia; Kindle, E. 1651.
williamsoni Bittium; Arnold, R. 1342.
woodwardi Anthracosiro; Pocock. 1804.
 ——— Lichas; Reed, F. R. C. 1826.
wooriyallockensis Beyrichia; Chapman, F. 1429.

wysogorskii	Clymenia ; Frech, F. 1543.	zitteli	Anchitherium ; Schlosser, M. 1869.
zachariaei	Navicula ; Reichelt, H. 1832.	————	Cyathoseris ; Felix, J. 1521.
zarecznyi	Spirifer ; Gürich, G. 1576.	————	Leptocheirus ; Merriam, J. C. 1726.
zeilleri	Chiropteris ; Seward, A. C. 1904.	————	Rhizopoterion ; Ungern-Sternberg, E. 1993.
zephyrinum	Dentalium ; Casey, T. L. 1427.	zitteliana	Frondicularia ; Egger, J. G. 1503.
		zumoffeni	Latimacandra ; Felix, J. 1522.

ERRATA.

FIRST ANNUAL ISSUE.

- p. 45, top of first column, for Stejnegar read Steijneger.
 p. 86, top of first column, for Lirguria read Liguria, and for 1 tav. read 9 tav.
 p. 102, first column, for Helioceras read Helicoceras.

SECOND ANNUAL ISSUE.

- p. 111, second column, after line 15, insert : *Holocostephanus wilfrida* n. sp. Karakasch, J. Ann. Univ. Grenoble, Paris, **14**, 1902, (411-425, av. pl.).
 p. 114, second column, 10 lines from the bottom, insert : *Alloërisma carniolicum* n. sp. Bittner, A. Wien, Jahrb. Geol. RchsAnst., **51**, **1901**, 1902, (225-234, mit 1 Taf.).
 p. 137, first column, 7 lines from the bottom, insert : *ALLOËRISMA carniolicum*. Bittner, A. 711.
 p. 141, first column, after line 16 insert : *HOLOCOSTEPHANUS wilfridi*. Karakasch, J. 932.
 p. 192, first column, after line 8, insert : *wilfridi* *Holocostephanus*; Karakasch, J. 932.
 p. 44, first column, last line, after (289-320), insert : Separate. 1901. 27 cm.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of South Australia, Adelaide.	6 S.Aus.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Mem. St. Mus.</i>	Memoirs of the New York State Museum. University of the State of New York, Albany, N.Y.	5 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. Inv., Washington, D.C.</i>	The American Inventor. Washington, D.C.	569 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Tijdschr. K. Ned. Aandr. Gen.</i>	Tijdschrift van het Koninklijk Nederlandsch Aardrijkskundig Genootschap, Amsterdam, 8o.	4 Hol.
<i>Amsterdam, Versl. Wis. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeling der Koninklijke Akademie van Wetenschappen, Amsterdam, 8o.	7 Hol
<i>Angers, Bul. soc. étud. sci.</i>	Bulletin de la société d'études scientifiques d'Angers (Maine-et-Loire). [annuel.]	33 Fr.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford. ...	4 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Ann. Natphilos., Leipzig.</i>	Annalen der Naturphilosophie. Leipzig.	1285 Ger.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie. hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.

<i>Arch. Landesk. Sachsen, Halle</i>	Archiv für Landes- und Volkskunde der Provinz Sachsen, hrsg. v. Kirchhoff. Halle. [jähr.]	73 Ger.
<i>Arch. Natw. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Aus.
<i>Autun, Bul. soc. hist. nat.</i>	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	915 Fr.
<i>Autun, Bul. soc. sci. nat. ...</i>	Bulletin de la société des sciences naturelles. Autun (Saône-et-Loire).	149 Fr.
<i>Auxerre, Bul. soc. sci. hist. nat.</i>	Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne).	152 Fr.
<i>Ber. Hauptvers. D. Forstver., Berlin</i>	Bericht über die Hauptversammlung des Deutschen Forstvereins (Versammlung deutscher Forstmänner). Berlin. [jähr.]	1259 Ger.
<i>Berkeley, Univ. Cal., Bull. Dept. Geol.</i>	University of California. Bulletin of the Department of Geology, Berkeley	40 U.S.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, SitzBer. Ges. natf. Freunde</i>	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jähr. in zwangl. H.]	183 Ger.
<i>Boll. Naturalista, Siena ...</i>	Bollettino del Naturalista, Siena ...	33 It.
<i>Bologna, Mem. Acc. sc. ...</i>	Memorie dell' Accademia delle scienze dell' Istituto, Bologna.	42 It.
<i>Bot. Jahrb., Leipzig ...</i>	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jähr.]	242 Ger.
<i>Bruzelles, Ann. Soc. roy. malacol</i>	Annales de la Société royale malacologique de Belgique (Bruxelles).	183 Bel.
<i>Bruzelles, Ann. Soc. scient.</i>	Annales de la Société scientifique de Bruxelles (Louvain). Trimestriel.	26 Bel.
<i>Bruzelles, Bul. Soc. géol., paléont., hydr.</i>	Bulletin de la Société belge de géologie, de paléontologie et d'hydrologie (Bruxelles).	42 Bel.
<i>Buffalo, Bull. Soc. Nat. Sci.</i>	Bulletin of the Buffalo Society of Natural Sciences, Buffalo, N.Y.	66 U.S.
<i>Bul. Min. Agricult., Paris</i>	Bulletin du Ministère de l'Agriculture. Paris.	236 Fr.
<i>Cape Town, Ann. S. Africa Mus.</i>	Annals of the South African Museum, Cape Town.	5 S.A.
<i>Carinthia II, Klagenfurt ...</i>	Carinthia II, Mitteilungen des Naturhistorischen Landesmuseums für Kärnten. Red. v. Karl Frauscher. Klagenfurt. [2 monatl.]	67 Aus.

<i>Centralbl. Min., Stuttgart ...</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrsg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
<i>Chicago, Ill., Bot. Gaz. Univ. Chic.</i>	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
<i>Chicago, Ill., J. Geol. Univ. Chic.</i>	Journal of Geology. (University of Chicago), Chicago, Ill.	101 U.S.
<i>Croydon, Proc. Trans. Microsc. Nat. Hist. Cl.</i>	Proceedings and Transactions of the Croydon Microscopical and Natural History Club, Croydon.	66 U.K.
<i>D. ent. Zs. Iris, Berlin ...</i>	Deutsche entomologische Zeitschrift, hrsg. v. d. Gesellschaft Iris in Dresden in Verbindung m. d. deutschen entomologischen Gesellschaft zu Berlin. (Iris, Dresden.) Berlin, Friedländer u. Sohn. [2 H. jährl.]	332 Ger.
<i>Danzig, Schr. natf. Ges. ...</i>	Schriften der naturforschenden Gesellschaft in Danzig. Danzig. [zwanglos.]	394 Ger.
<i>Des Moines, Proc. Iowa Acad. Sci.</i>	Proceedings of the Iowa Academy of Sciences, Des Moines.	137 U.S.
<i>Dublin, Trans. R. Irish Acad.</i>	Transactions of the Royal Irish Academy, Dublin.	81 U.K.
<i>Edinburgh, Proc. R. Physic. Soc.</i>	Proceedings of the Royal Physical Society of Edinburgh.	95 U.K.
<i>Edinburgh, Trans. Geol. Soc.</i>	Transactions of the Edinburgh Geological Society, Edinburgh.	103 U.K.
<i>Edinburgh, Trans. R. Soc.</i>	Transactions of the Royal Society of Edinburgh.	109 U.K.
<i>Feuille jeunes natural., Paris</i>	Feuille des jeunes naturalistes. Dir. Dollfus. Paris. [mensuel.]	337 Fr.
<i>Földt. Evk., Budapest ...</i>	Földtani Evkönyvei, Budapest. [Jahrbuch für Geologie, Budapest.]	20 Hun.
<i>Földt. Közl., Budapest ...</i>	Földtani Közlöny, Budapest. [Geologische Mittheilungen, Budapest.]	7 Hun.
<i>Frankfurt a. M., Ber. Senckenb. Ges.</i>	Bericht der Senckenbergischen naturforschenden Gesellschaft in Frankfurt a. M. [jähr.]	476 Ger.
<i>Frankfurt a. M., Nachrbl. D. malakozool. Ges.</i>	Nachrichtenblatt der deutschen malakozologischen Gesellschaft. Frankfurt a. M. [monatl.]	480 Ger.
<i>Geogn. Jahreshefte, München</i>	Geognostische Jahreshefte, hrsg. v. d. geognostischen Abtheilung des kgl. bayerischen Oberbergamts in München. München. [jähr.]	507 Ger.
<i>Geol. Mag., London...</i>	Geological Magazine, London ...	134 U.K.
<i>Gloucester, Proc. Cotteswold Nat. F. Cl.</i>	Proceedings of the Cotteswold Naturalists' Field Club, Gloucester	144 U.K.

<i>Grahamstown, Cape Colony, Rec. Albany Mus.</i>	Records of the Albany Museum, Grahamstown.	12 S.A.
<i>Graz, Mitt. Natw. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jähr.]	119 Aus.
<i>Haarlem, Arch. Mus. Teyler</i>	Archives du Musée Teyler, Haarlem. 8vo.	21 Hol.
<i>Hildesheim, Mitt. Roemer-Mus.</i>	Mittheilungen aus dem Roemer-Museum zu Hildesheim. [zwanglos.]	583 Ger.
<i>Hull, Mus. Publ. ...</i>	Hull Museum Publications ...	490 U.K.
<i>Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis</i>	Report of the Indiana Department of Geology and Natural Resources, Indianapolis.	166 U.S.
<i>Indianapolis, Ind., Proc. Acad. Sci.</i>	Proceedings of the Indiana Academy of Science, Indianapolis.	169 U.S.
<i>Iowa City, Iowa, Bull. Univ. Lab. Nat. Hist.</i>	Bulletin from the Laboratories of Natural History of the State University of Iowa City.	170 U.S.
<i>Irish Nat., Dublin... ..</i>	Irish Naturalist (a monthly Journal of General Irish Natural History), Dublin.	161 U.K.
<i>J. Geog., Lancaster, Pa. ...</i>	The Journal of Geography. Lancaster, Pa.	564 U.S.
<i>Johannesburg, Geol. Soc. S. Africa</i>	Geological Society of South Africa, Johannesburg.	8 S.A.
<i>Kjöbenhavn, Medd. Grönl....</i>	Meddelelser om Grönland, Kjöbenhavn.	16 Den.
<i>Kjöbenhavn, Nath. Medd. ...</i>	Videnskabelige Meddelelser fra naturhistorisk Forening, Kjöbenhavn.	18 Den.
<i>Kjöbenhavn, Vid. Selsk. Skr.</i>	Det kongelige danske Videnskabernes Selskabs Skrifter. Naturvidenskabelig og matematisk Afdeling, Kjöbenhavn.	20 Den.
<i>Knowledge, London ...</i>	Knowledge, London ...	187 U.K.
<i>Königsberg, Schr. physik. Ges</i>	Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg. [jähr.]	702 Ger.
<i>Kristiania, Forh. Vid. selek.</i>	Forhandlinger i Videnskabselskabet i Kristiania.	12 Nor.
<i>Leipzig, SitzBer. natf. Ges.</i>	Sitzungsberichte der naturforschenden Gesellschaft zu Leipzig. Leipzig. [2 Jahr.]	744 Ger.
<i>Lille, Ann. soc. géol. ...</i>	Annales de la société géologique du Nord. Lille (Nord). [bimestr.]	420 Fr.
<i>Liverpool, Proc. Geol. Soc.</i>	Proceedings of the Liverpool Geological Society, Liverpool.	204 U.K.
<i>London, Brit. Ass. Geol. Phot.</i>	British Association. Photographs of geological interest in the United Kingdom. London.	— U.K.

<i>London, Geog. J. ...</i>	Geographical Journal (Royal Geographical Society), London.	218 U.K.
<i>London, Monogr. Palæont. Soc.</i>	Monographs of the Palæontographical Society, London.	252 U.K.
<i>London, Phil. Trans. R. Soc.</i>	Philosophical Transactions of the London Royal Society.	254 U.K.
<i>London, Proc. Geol. Ass. ...</i>	Proceedings of the Geologists' Association, London.	257 U.K.
<i>London, Proc. Malac. Soc....</i>	Proceedings of the Malacological Society of London, London, 8vo.	261 U.K.
<i>London, Proc. R. Soc. ..</i>	Proceedings of the London Royal Society.	267 U.K.
<i>London, Proc. Zool. Soc. ...</i>	Proceedings of the Zoological Society, London.	271 U.K.
<i>London, Rep. Brit. Ass. ...</i>	Report of the British Association for the Advancement of Science, London.	276 U.K.
<i>London, Trans. Linn. Soc.</i>	Transactions of the Linnean Society, London, 4to.	288 U.K.
<i>London, Q. J. Geol. Soc. ...</i>	Quarterly Journal of the Geological Society, London.	272 U.K.
<i>Madison, Trans. Wis. Acad. Sci.</i>	Transactions of the Wisconsin Academy of Sciences, Arts and Letters, Madison.	205 U.S.
<i>Manchester, Mem. Lit. Phil. Soc.</i>	Memoirs and Proceedings of the Manchester Literary and Philosophical Society, Manchester.	302 U.K.
<i>Manchester, Trans. Geol. Soc.</i>	Transactions of the Manchester Geological Society, Manchester.	310 U.K.
<i>Math.-natur. Ber. Ungarn, Leipzig.</i>	Mathematische und naturwissenschaftliche Berichte aus Ungarn, Leipzig. [jähr.]	1416 Ger.
<i>Math. Term. Ért., Budapest.</i>	Matematikai és Természettudományi Értésítő, Budapest. [Mathematischer und naturwissenschaftlicher Anzeiger, Budapest.]	11 Hun.
<i>Melbourne, Proc. R. Soc. Viet.</i>	Proceedings of the Royal Society of Victoria. Melbourne.	9 Vic.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali, e del museo civico di Storia naturale, Milano.	102 It.
<i>Milano, Rend. Ist. lomb. ...</i>	Rendiconti dell' Istituto lombardo di scienze e lettere, Milano.	106 It.
<i>Mitt. D. Schutzgeb., Berlin</i>	Mittheilungen von Forschungsreisenden und Gelehrten aus den deutschen Schutzgebieten. Wissenschaftliche Beihefte zum deutschen Kolonialblatt, hrsg. v. Danckelmann. Berlin. [½jähr.]	803 Ger.

<i>Milwaukee, Bull. Wis. Nat. Hist. Soc.</i>	Bulletin of the Wisconsin Natural History Society, Milwaukee.	235 U.S.
<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
<i>München, Abh. Ak. Wiss. ...</i>	Abhandlungen der kgl. bayerischen Akademie der Wissenschaften. München. [jähr. in zwangl. H.]	833 Ger.
<i>München, Sitzber. Ak. Wiss.</i>	Sitzungsberichte der kgl. bayerischen Akademie der Wissenschaften zu München. München. [jähr. in zwangl. H.]	839 Ger.
<i>N. Phytol., London ...</i>	New Phytologist, London ...	475 U.K.
<i>Nantes, Bul. soc. sci. nat. ...</i>	Bulletin de la société des sciences naturelles de l'Ouest. Nantes (Loire-Inférieure). [trimestr.]	537 Fr.
<i>Natur u. Offenb., Münster</i>	Natur und Offenbarung. Organ zur Vermittelung zwischen Naturforschung und Glauben für Gebildete aller Stände. Münster. [monatl.]	866 Ger.
<i>Naturalist, London ...</i>	The Naturalist, Leeds and London ...	336 U.K.
<i>Nature, London ...</i>	Nature, London ...	337 U.K.
<i>Nature, Paris ...</i>	Nature (la), revue illustrée des sciences et de leurs applications aux arts et à l'industrie. Réd. H. de Parville. Paris. [hebdomad.]	542 Fr.
<i>Natur. Wochenschr., Jena</i>	Naturwissenschaftliche Wochenschrift, red. v. Potonié. Jena. [wöch.]	868 Ger.
<i>Nautilus, Boston, Mass. ...</i>	Nautilus, Boston, Mass. (Formerly Philadelphia, Pa.)	271 U.S.
<i>New York, N.Y., Bull. Amer. Mus. Nat. Hist.</i>	Bulletin of the American Museum of Natural History, New York, N.Y.	299 U.S.
<i>New York, N.Y., Bull. Bot. Gard.</i>	Bulletin of the New York Botanical Garden, New York, N.Y.	300 U.S.
<i>New York, N.Y., Bull. Torrey Bot. Cl.</i>	Bulletin of the Torrey Botanical Club, New York, N.Y.	302 U.S.
<i>New York, N.Y., Cont. Dept. Bot. Columbia Univ.</i>	Contributions from the Department of Botany, Columbia University. New York, N.Y.	567 U.S.
<i>New York, N.Y., Torreya. Torrey Bot. Cl.</i>	Torreya. (Torrey Botanical Club), New York, N.Y.	332 U.S.
<i>Newcastle, Trans. Inst. Min. Engin.</i>	Transactions of the Institution of Mining Engineers, Newcastle-on-Tyne.	343 U.K.
<i>Newcastle, Trans. N. Engl. Inst. Min. Mech. Engin.</i>	Transactions of the North of England Institute of Mining and Mechanical Engineers, Newcastle-upon-Tyne.	345 U.K.
<i>Northampton, J. Nat. Hist. Soc.</i>	Journal of the Northamptonshire Natural History Society and Field Club, Northampton.	349 U.K.

<i>Nouv. arch. Muséum, Paris</i>	Nouvelles archives du Muséum. Paris. [2 vols. par an.]	558 Fr.
<i>Osprey, Washington, D.C.</i>	Osprey, Washington, D.C.	354 U.S.
<i>Oxford, Rep. Ashmol. Nat. His. Soc.</i>	Report of the Oxfordshire Ashmolean Natural History Society, Oxford.	356 U.K.
<i>Padova, Atti Mem. Acc. . .</i>	Atti e Memorie dell' Accademia di scienze, lettere ed arti, Padova.	129 It.
<i>Padova, Atti Soc. ven.-trent.</i>	Atti della Società veneto-trentina di scienze naturali, Padova.	130 It.
<i>Pal. Ind., Calcutta . . .</i>	Memoirs of the Geological Survey of India, Palæontologia Indica, Calcutta. (Being figures and descriptions of the organic remains procured during the progress of the Geological Survey of India.)	25 Ind.
<i>Paleontogr. Italica, Pisa</i>	Paleontografia Italica, Pisa.	132 It.
<i>Palaeontographica, Stuttgart</i>	Palaeontographica. Beiträge zur Naturgeschichte der Vorzeit, hrsg. v. Zittel. Stuttgart. [2-3 H. jährl.]	898 Ger.
<i>Paris, Bul. soc. géol.</i>	Bulletin de la société géologique de France. Paris. [mensuel.]	598 Fr.
<i>Paris, Bul. soc. philom . . .</i>	Bulletin de la société philomatique de Paris. [trimestr.]	608 Fr.
<i>Paris, C.-R. Acad. sci. . . .</i>	Comptes-rendus hebdomadaires des séances de l'académie des sciences. Paris. [hebdomad.]	612 Fr.
<i>Penzance, Trans. R. Geol. Soc., Cornwall</i>	Transactions of the Royal Geological Society of Cornwall, Penzance.	365 U.K.
<i>Philadelphia, Pa., Proc. Acad. Nat. Sci.</i>	Proceedings of the Academy of Natural Sciences of Philadelphia, Philadelphia, Pa.	371 U.S.
<i>Philadelphia, Pa., Proc. Amer. Phil. Soc.</i>	Proceedings of the American Philosophical Society, Philadelphia, Pa.	372 U.S.
<i>Philadelphia Pa., Trans. Amer. Phil. Soc.</i>	Transactions of the American Philosophical Society, Philadelphia, Pa.	375 U.S.
<i>Pisa, Mem. Soc. tosc. sc. nat.</i>	Memorie della Società toscana di scienze naturali, Pisa.	26 It.
<i>Pisa, Proc. verb. Soc. tosc. sc. nat.</i>	Processi verbali della Società toscana di scienze naturali, Pisa.	154 It.
<i>Pittsburg, Pa., Ann. Carnegie Mus.</i>	Annals of the Carnegie Museum, Pittsburg, Pa.	388 U.S.
<i>Pittsburg, Pa., Mem. Carnegie Mus.</i>	Memoirs of the Carnegie Museum, Pittsburg, Pennsylvania.	389 U.S.
<i>Plön Forsch. Ber. biol. Stat.</i>	Forschungsberichte aus der biologischen Station zu Plön, hrsg. v. Zacharias. Stuttgart. [1 H. jährl.]	922 Ger.

<i>Potf. Termt. Közl., Buda- pest</i>	Potfüzetek a Természettudományi Közlönyhöz, Budapest. [Beiblätter zu den naturwissenschaft- lichen Mittheilungen, Budapest.]	13 Hun.
<i>Prag, Rozpr. České Ak. Frant. Jos.</i>	Rozpravy České Akademie Císaře Františka Josefa pro Vědy, Slovesnost a Umění, Praha. [Abhandlungen der Tschechischen Kaiser Franz Josefs-Akademie für Wissenschaft, Literatur und Kunst]. [zwanglos]	—
<i>Prag, SitzBer. Böhm. Ges. Wiss.</i>	Sitzungsberichte der Königlich Böh- mischen Gesellschaft der Wissen- schaften, Mathematisch-Naturwissen- schaftliche Klasse. Prag. [jähr.]	305 Aus.
<i>Prag, SitzBer. Lotos</i> ...	Sitzungsberichte des Deutschen Natur- wissenschaftlich-Medicinischen Ve- reins für Böhmen „Lotos“ in Prag. Prag. [jähr.]	306 Aus.
<i>Riv. ital. paleont., Bologna</i>	Rivista italiana di paleontologia, Bologna.	167 It.
<i>Riv. ital. sc. nat., Siena</i> ...	Rivista italiana di scienze naturali, Siena.	168 It.
<i>Rochester, N.Y., Bull. Geol. Soc. Amer.</i>	Bulletin of the Geological Society of America, Rochester, N.Y.	410 U.S.
<i>Rochester, N.Y., Proc. Acad. Sci.</i>	Proceedings of the Rochester Academy of Science, Rochester, N.Y.	411 U.S.
<i>Roma, Boll. Comitato geol.</i>	Bollettino del R. Comitato geologico, Roma.	192 It.
<i>Roma, Boll. Soc. geol. ital.</i>	Bollettino della Società geologica ita- liana, Roma.	197 It.
<i>Roma, Mem. Acc. Nuovi Lincei</i>	Memorie dell' Accademia pontificia dei Nuovi Lincei, Roma.	204 It.
<i>Roma, Rend. Acc. Lincei</i> ..	Rendiconti della R. Accademia dei Lin- cei, Roma.	209 It.
<i>Rostock, Mitt. geol. Landes- anst.</i>	Mittheilungen aus der grossherzoglich mecklenburgischen Landesanstalt. Rostock. [jähr.]	959 Ger.
<i>St. Louis, Mo., Trans. Acad. Sci.</i>	Transactions of the Academy of Science of St. Louis, St. Louis, Mo.	414 U.S.
<i>St. Peterburg, Bull. Ac. Sc.</i>	Извѣстія Императорской Академіи Наукъ. С.-Петербургъ. [Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg.]	251 Rus.
<i>St. Peterburg, Mém. Ac. Sc.</i>	Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ. [Mé- moires de l'Académie Impériale des Sciences. Classe des sciences phy- siques et mathématiques. St.- Petersbourg.]	266 Rus.

<i>St. Peterburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ. [Verhandlungen der russischen Mineralogischen Gesellschaft. St.-Petersbourg.]	290 Rus.
<i>San Francisco, Mem. Cal. Acad. Sci.</i>	Memoirs of the California Academy of Sciences, San Francisco, Cal.	423 U.S.
<i>Science, New York, N.Y. ...</i>	Science, New York, N.Y.	429 U.S.
<i>Scot. Geog. Mag., Edinburgh</i>	Scottish Geographical Magazine, Edinburgh.	399 U.K.
<i>Stanford University Cal., Pub. Geol. Palæont., Leland Stanford Jr. Univ.</i>	Publications. Geology and Palæontology. Leland Stanford Junior University, Stanford University Cal.	357 U.S.
<i>Strassburg, Mitt. geol. Landesanst.</i>	Mittheilungen der geologischen Landesanstalt von Elsass-Lothringen. Strassburg. [jähr.]	1019 Ger.
<i>Stratford, Essex Nat. ...</i>	Essex Naturalist (Essex Field Club), Stratford.	123 U.K.
<i>Summ. Progr. Geol. Surv. U.K., London</i>	Summary of the Progress of the Geological Survey of the United Kingdom. London.	413 U.K.
<i>Sydney, N.S.W., Mem. Geol. Surv. N. S. Wales</i>	Memoirs of the Geological Survey of New South Wales, Sydney, N.S.W.	5 N.S.W.
<i>Sydney, N.S.W., Rec. Austr. Mus.</i>	Records of the Australian Museum, Sydney, N.S.W.	7 N.S.W.
<i>Sydney, N.S.W., Rec. Geol. Surv. N.S. Wales</i>	Records of the Geological Survey of New South Wales, Sydney, N.S.W.	8 N.S.W.
<i>Tekn. Fören. Tidskr., Helsingfors</i>	Tekniska Föreningens Tidskrift. Helsingfors. 4to.	29 Fin.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Topeka, Trans. Kan. Acad. Sci.</i>	Transactions of the Kansas Academy of Science, Topeka.	446 U.S.
<i>Torino, Atti Acc. sc.</i>	Atti della R. Accademia delle scienze, Torino.	220 It.
<i>Tropenpflanzer, Berlin ...</i>	Der Tropenpflanzer. Zeitschrift für tropische Landwirtschaft, hrsg. v. Warburg u. Wohltmann. Berlin. [monatl.] Nebst Beiheften.	1058 Ger.
<i>Truro, J. R. Inst. Cornwall</i>	Journal of the Royal Institution of Cornwall, Truro.	420 U.K.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.

<i>Venezia, Atti Ist. ven.</i> ...	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
<i>Verh. D. GeogrTag, Berlin</i>	Verhandlungen des deutschen Geographentages. Berlin. [2 jährl.]	1077 Ger.
<i>Verh. Ges. D. Natf., Leipzig</i>	Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig. [jährl.]	1083 Ger.
<i>Vermont, Rep. Geol., Burlington</i>	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burlington, Vt.	585 U.S.
<i>Vict. Dep. Mines, Bull. Geol. Surv., Melbourne</i>	Victoria Department of Mines. Bulletin of the Geological Survey. Melbourne.	23 Vic.
<i>Vict. Dep. Mines, Mem. Geol. Surv., Melbourne.</i>	Victoria Department of Mines. Memoirs of the Geological Survey. Melbourne.	21 Vic.
<i>Vict. Dep. Mines, Rec. Geol. Surv., Melbourne</i>	Victoria Department of Mines. Records of the Geological Survey. Melbourne.	22 Vic.
<i>Vict. Nat., Melbourne</i> ...	The Victorian Naturalist. Melbourne.	19 Vic.
<i>Washington, D.C., Dept. Int. U.S. Geol. Surv. Monogr.</i>	Department of the Interior. U.S. Geological Survey. Monographs, Washington, D.C.	483 U.S.
<i>Washington, D.C., Proc. Biol. Soc.</i>	Proceedings of the Biological Society of Washington, Washington, D.C.	488 U.S.
<i>Washington, D.C., Smithsonian Inst., Misc. Collect.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Proc.</i>	Smithsonian Institution. U.S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., Smithsonian Inst., Rep. Nation. Mus.</i>	Smithsonian Institution. U.S. National Museum. Annual Report of the Board of Regents of the Smithsonian Institution, Washington, D.C.	492 U.S.
<i>Washington, D.C., U.S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Wien. Ann. Natlhist. Hofmuse.</i>	Annalen des k. k. Naturhistorischen Hofmuseums. Redig. von Franz Steindachner. Wien. [$\frac{1}{4}$ jährl.]	408 Aus.
<i>Wien, Beitr. Pol. Geol. ÖstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und G[ustav] von Arthaber. Wien. [$\frac{1}{4}$ jährl.]	415 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [$\frac{1}{4}$ jährl.]	425 Aus.

<i>Wien, Mitt. Geogr. Ges.</i> ...	Mitteilungen der k. k. Geographischen Gesellschaft in Wien. Red. v. August Böhm Edlen von Böhmersheim. Wien. [2 monatl.]	437 Aus.
<i>Wien, SitzBer. Ak. Wiss.</i> ...	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Zool. Anz., Leipzig</i> ..	Zoologischer Anzeiger, hrag. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zs. Natur., Stuttgart</i> ...	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.
<i>Zs. wiss. Zool., Leipzig</i> ...	Zeitschrift für wissenschaftliche Zoologie, hrag. v. Kölliker u. Ehlers. Leipzig. [8 H. jährl.]	1249 Ger.

*The numbers in the right-hand column are those used in the
General List of Journals.*

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc.
zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Sud-Afrika, südlich des Sambesi und der Grenze zwischen.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga. Alaska.
- gb. Canada als Ganzes.
- gc. West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd. Ost-Canadisches Gebiet; Neufundland.
- ge. Gebiet der Laurentischen Seen.
- gf. Vereinigte Staaten als Ganzes.
- gg. Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh. Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi. Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha. Mexiko.
- hb. Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc. Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd. Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he. Columbia; Ecuador.
- hf. Peru.
- hg. Bolivia.
- hh. Brasilien.
- hi. Argentinien; Uruguay und Paraguay.
- hk. Chile.
- hl. Feuerland und benachbarte Inseln; Falkland Inseln.
- hm. Die Anden.

i. AUSTRALASIEN.

- ia. Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib. Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic. Australien als Ganzes.
- id. Queensland.
- ie. Neu-Süd-Wales.
- if. Victoria.
- ig. Süd-Australien.
- ih. West-Australien.
- ii. Tasmanien.
- ik. Neu-Seeland.
- il. Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

L. ARKTISCHES GEBIET.

- la.* Der Arktische Ocean.
- lb.* Grönland.
- lc.* Archipel nördlich von Nord-Amerika.
- ld.* Inseln nördlich von Europa und Asien.

L. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

M. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

N. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Sudpazifischer Ocean (südlich vom Aequator).
- nc.* Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich von Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidjchi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

O. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Sud-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique; et à l'ouest par le côté de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S.; à l'ouest par le méridien 20° E. (Greenwich); dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S.; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques: depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.- En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochin China : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. ; Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America : Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica.
- hc.* West Indian Islands ; Caribbean Sea ; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French ; Venezuela ; Trinidad.
- he.* Columbia ; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina ; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands ; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

k. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

l. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores; Canaries; Madeira; Cape Verde.
- lc.* South Atlantic and Islands.

m. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne.* Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf.* Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc.
zu benutzen.]

1.—HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebos und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln, vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäischen Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, mit Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan-Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Süd-Afrika, südlich des Sambesi und der Grenze zwischen.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka.* Der Arktische Ocean.
- kb.* Grönland.
- kc.* Archipel nördlich von Nord-Amerika.
- kd.* Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Sudpazifischer Ocean (südlich vom Aequator).
- nc.* Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich von Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidschi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pazifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Sud-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pazifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I.—GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côté de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B. — En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark, Islande, îles Feroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique.
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dg.* Espagne et Portugal.
- dh.* Italie ; Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* État du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; ÎNDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih.* Australie occidentale.
- ii.* Tasmanie.
- ik.* Nouvelle Zélande.
- il.* Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka.* Océan arctique.
- kb.* Groenland.
- kc.* Archipel nord de l'Amérique du Nord.
- kd.* Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la.* Océan Atlantique septentrional, et les îles qui n'ont pas encore été spécifiées.
- lb.* Açores; Canaries; Madère; Cap Vert.
- lc.* Atlantique méridional et ses îles.

m. Océan Indien.

- ma.* Océan et les îles au nord de l'Equateur.
- mb.* Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).
- nb.* Pacifique méridional (au sud de l'Equateur).
- nc.* Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd.* Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne.* Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf.* Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng.* Îles Galapagos.
- nh.* Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.
- ob.* Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc.* Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od.* Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalogo Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1. —DIVISIONI PRINCIPALI.

- a.* La Terra nel suo complesso.
- b.* Le terre emerse.
- c.* L' oceano nel suo complesso.
- d.* Europa e Isole del Mediterraneo.
- e.* Asia e Arcipelago Malese, comprese Celebes e Timor.
- f.* Africa e Madagascar.
- g.* America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h.* Messico, America Centrale e Meridionale, e Indie Occidentali.
- i.* Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k.* Regione Artica: Groenlandia e l' area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l.* L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m.* L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n.* Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o.* Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia: Svezia, Norvegia, Danimarca, Islanda, Fär Öer.
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda; Belgio; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dg.* Spagna e Portogallo.
- dh.* Italia: Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Servia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze: Tibet; Corea.
- ec.* Isole del Giappone; Formosa.
- ed.* Coccincina: Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica: Himalaya; Birmania; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia; Afghanistan; Belucistan.
- ei.* Turchia Asiatica; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E.; Egitto e Vallatta del Nilo fino al 10° di Lat. N.; Abissinia; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia. ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka. Oceano Artico.
- kb. Groenlandia.
- kc. Arcipelago Nord Americano.
- kd. Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la. Oceano Atlantico settentrionale e sue Isole, non indicato altrove.
- lb. Azorre; Canarie; Madera; Isole del Capo Verde.
- lc. Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma. Oceano e Isole a Nord dell' Equatore.
- mb. Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na. Pacifico del Nord (a N. dell' Equatore).
- nb. Pacifico del Sud (a S. dell' Equatore).
- nc. Mar di Behring e sue Isole (Aleutine, ecc.).
- nd. Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne. Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf. Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng. Isole Galapagos.
- nh. Isole della Società, Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa. Regione antartica in generale.
- ob. Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc. Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od. Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

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INSTRUCTIONS.

The present volume consists of three parts :—

(a) Schedules and Indexes in four languages.

(b) An Author Catalogue.

(c) A Subject Catalogue.

The Subject Catalogue begins with general headings 0000 to 0200. It is then divided into palaeozoology and palaeobotany. Each of these main divisions is sub-divided into three sections. The first section gives the books or papers arranged according to strata; in the second section the arrangement is according to fossils; while the third section gives a list of new genera and species.

At the end of the Subject Catalogue there is a list of new specific and generic names.

In order to find the papers dealing with a particular subject the reader may either consult the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the outer top corners of the pages.

If the reader remember the name of the author of a paper on a given subject, he will probably find it convenient to refer to the Author Catalogue rather than to the Subject Catalogue.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of the volume.

The literature indexed is mainly that of 1904, but includes those portions of the literature of 1901, 1902 and 1903 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes. A few of the entries are dated 1905

TOPOGRAPHICAL SYMBOLS.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics, and they are explained by the Topographical Classification contained in the volume. The topographical symbols are not intended to be used instead of registration numbers.

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International Catalogue of Scientific Literature.

(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300; N 0223; M 4400.)

The numerical symbol to be used for Palæontological books and papers is obtained by a combination of the Geological stratigraphical number (two figures), with a number (four figures) representing the subdivision of the animal or vegetable kingdom to which the fossil forms described belong. Thus a paper on Triassic Cephalopoda will have the symbol K 65.2231, one on Carboniferous ferns will be numbered K 55.6700.

The numbers for Zoological sub-divisions are identical with those used in the Zoological schedule. The numbers for Botanical sub-divisions are identical with those used in the Botanical schedule.

The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

Palaeozoology.

	General, including strata of unknown age.	Lower Palaeozoic.	Upper Palaeozoic.	Triassic.	Jurassic.	Cretaceous.	Lower Cretaceous. Recent Cretaceous.	Upper Cretaceous. Recent Palaeocene.	Palaeocene and Recent.
0231 General Palaeozoology ...	35, 0231	50, 0231	50, 0231	55, 0231	70, 0731	75, 0731	85, 0231	90, 0231	95, 0231
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5400	Dicotyledons	...	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6000	Monocotyledons	...	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6500	Gymnosperms	...	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6700	Vascular Cryptogams	...	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
7000	Mosses and Hepatics	...	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
7300	Characeae	...	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
7400	Algae and Schizophyceae	...	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
7600	Lichens	...	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7700	Fungi, Bacteria, and Mycetozoa	...	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7900	Plants of unascertained position	...	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

(K-14700)



Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *ei*.

Paléozoologie ou paléontologie zoologique.		Généralités, y compris les couches d'âge incertain.	50	55	60	70	75	85	90	95
0231	Paléozoologie générale	...	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231	Vertébrés	...	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
6031	Mammifères	...	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831	Oiseaux	...	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631	Reptiles et Batraciens	...	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431	Poissons	...	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031	Tuniciers, Amphioxus, etc.	...	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431	Arthropodes, y compris les Insectes	...	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
4431	Myriapodes	...	50, 4431	55, 4431	65, 4431	70, 4431	75, 4431	85, 4431	90, 4431	95, 4431
3031	Arachnides	...	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031
2831	Xiphosures, Euriptérides, Trilobites, etc.	...	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631	Crustacés	...	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231	Mollusques, y compris les Céphalopodes, Gastropodes, Amphipneures, Scaphopodes, et Lamellibranches (Pélicypodes)	...	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031	Brachiopodes, y compris les Bryozoaires	...	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831	Vers	...	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031	Echinodermes	...	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0931	Cœlentérés, y compris les Graptolithoïdes	...	50, 0931	55, 0931	65, 0931	70, 0931	75, 0931	85, 0931	90, 0931	95, 0931
0631	Porifères	...	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431	Protozoaires	...	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131	Fossiles d'admité ou d'origine douteuse	...	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	35, 5000	50, 5000	65, 5000	70, 5000	75, 5000	85, 5000	90, 5000	95, 5000
5400	Dicotylédones	...	35, 5400	50, 5400	65, 5400	70, 5400	75, 5400	85, 5400	90, 5400	95, 5400
6000	Monocotylédones	...	35, 6000	50, 6000	65, 6000	70, 6000	75, 6000	85, 6000	90, 6000	95, 6000
6500	Gymnospermes	...	35, 6500	50, 6500	65, 6500	70, 6500	75, 6500	85, 6500	90, 6500	95, 6500
6700	Cryptogames vasculaires	...	35, 6700	50, 6700	65, 6700	70, 6700	75, 6700	85, 6700	90, 6700	95, 6700
7000	Mousses et Hépatiques	...	35, 7000	50, 7000	65, 7000	70, 7000	75, 7000	85, 7000	90, 7000	95, 7000
7300	Characeae	...	35, 7300	50, 7300	65, 7300	70, 7300	75, 7300	85, 7300	90, 7300	95, 7300
7400	Algues et Schizophytes	...	35, 7400	50, 7400	65, 7400	70, 7400	75, 7400	85, 7400	90, 7400	95, 7400
7600	Lichens	...	35, 7600	50, 7600	65, 7600	70, 7600	75, 7600	85, 7600	90, 7600	95, 7600
7700	Champignons, Bactéries, et Mycétozoaires	...	35, 7700	50, 7700	65, 7700	70, 7700	75, 7700	85, 7700	90, 7700	95, 7700
7900	Plantes incertae sedis	...	35, 7900	50, 7900	65, 7900	70, 7900	75, 7900	85, 7900	90, 7900	95, 7900

Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches anzeigt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 *ei*.

Pflanzenpaleontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaleontologie	...	...	...	...	...	...	...	...	...
5400	Dicotyledonen	...	...	...	...	...	...	...	...	...
5800	Monocotyledonen	...	...	...	...	...	...	...	...	...
6000	Gymnospermen	...	...	...	...	...	...	...	...	...
6500	Gefäße-Cryptogamen	...	...	...	...	...	...	...	...	...
6700	Lebmoose und Lebermoose	...	...	...	...	...	...	...	...	...
7000	Characeae	...	...	...	...	...	...	...	...	...
7200	Algen (einschl. der Schizophyceen).	...	...	...	...	...	...	...	...	...
7400	Pfeifen	...	...	...	...	...	...	...	...	...
7600	Pilze (einschl. der Bacterien und Schleim-	...	...	...	...	...	...	...	...	...
7700	pilze	...	...	...	...	...	...	...	...	...
7900	Pflanzen ungewisser Stellung	...	...	...	...	...	...	...	...	...
		35.5000	50.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
		35.5400	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
		35.6000	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
		35.6500	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
		35.6700	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
		35.7000	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
		35.7200	50.7200	55.7200	65.7200	70.7200	75.7200	85.7200	90.7200	95.7200
		35.7400	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
		35.7600	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
		35.7700	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
		35.7900	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- 0000 Filosofia.
- 0010 Storia. Biografia.
- 0020 Periodici. Resoconti di Istituti, Società, Congressi, ecc.
- 0030 Trattati generali, Manuali, Dizionari, Bibliografie, Indici.
- 0040 Relazioni, Letture.
- 0050 Pedagogia.
- 0060 Istituti, Musei, Collezioni, Applicazioni pratiche.
- 0070 Nomenclatura.
- 0100 Distribuzione della Vita (Animale e Vegetale) nei passati
 tempi.
- 0150 Paleontologia Stratigrafica; Mutazioni (Cambiamenti di
 forma in strati successivi), ecc.
- 0200 Evoluzione. *Vedi anche* L 4300; N 0223; M 4400.

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sovra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.		35	50	55	66	70	75	85	90	95
Genitalia, includente strati di non cono- scienza etc.		Paleozoologia inferiore.	Paleozoologia superiore.	Triassico.	Giurassico.	Cretacico.	Cenozoico inferiore. Eocene, Oligocene.	Cenozoico superiore. Miocene, Pliocene.	Pleistocene e recente.	
2231 Paleozoologia generale	...	35, 0231	50, 0231	55, 0231	66, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
2231 Vertebrata	...	35, 0231	50, 0231	55, 0231	66, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
6031 Mammalia	...	35, 6031	50, 6031	55, 6031	66, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831 Aves	...	35, 5831	50, 5831	55, 5831	66, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5831 Reptilia e Batrachia	...	35, 5831	50, 5831	55, 5831	66, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5431 Pisces	...	35, 5431	50, 5431	55, 5431	66, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
6031 Tunicata, Amphioxus, etc.	...	35, 6031	50, 6031	55, 6031	66, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
2431 Arthropoda, Insecta	...	35, 2431	50, 2431	55, 2431	66, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
3431 Myriapoda	...	35, 3431	50, 3431	55, 3431	66, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431
2431 Arachnida	...	35, 2431	50, 2431	55, 2431	66, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2431 Xiphosura, Euryptera, Trilobita, etc.	...	35, 2431	50, 2431	55, 2431	66, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2431 Crustacea	...	35, 2431	50, 2431	55, 2431	66, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
2231 Molusca, Insecta Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	...	35, 2231	50, 2231	55, 2231	66, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2431 Brachiopoda, Insecta Bryozoa (Folizoa)	...	35, 2431	50, 2431	55, 2431	66, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
1841 Vermes	...	35, 1841	50, 1841	55, 1841	66, 1841	70, 1841	75, 1841	85, 1841	90, 1841	95, 1841
0331 Echinodermata	...	35, 0331	50, 0331	55, 0331	66, 0331	70, 0331	75, 0331	85, 0331	90, 0331	95, 0331
0331 Coelenterata, Insecta Graptolithoidea	...	35, 0331	50, 0331	55, 0331	66, 0331	70, 0331	75, 0331	85, 0331	90, 0331	95, 0331
0331 Forifera	...	35, 0331	50, 0331	55, 0331	66, 0331	70, 0331	75, 0331	85, 0331	90, 0331	95, 0331
9431 Protozoa	...	35, 0431	50, 0431	55, 0431	66, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131 Fossili di dubbia affinità od origine	...	35, 0131	50, 0131	55, 0131	66, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131

Paleobotanica (Paleofitologia).		35	40	55	65	70	75	85	90	95
5000	Paleobotanica generale	...	...	...	...	...	...	...	...	...
5400	Dicotileduni...	...	...	...	...	...	...	...	...	...
6000	Monocotiledoni	...	...	...	...	...	...	...	...	...
6500	Gimnosperme	...	...	...	...	...	...	...	...	...
6700	Crittograme Vascolari	...	...	...	...	...	...	...	...	...
7000	Muschi ed Epatiche	...	...	...	...	...	...	...	...	...
7300	Caracee	...	...	...	...	...	...	...	...	...
7400	Alga e Schizophyce	...	...	...	...	...	...	...	...	...
7600	Licheni	...	...	...	...	...	...	...	...	...
7700	Fungi, Batterie e Micetozoi	...	...	...	...	...	...	...	...	...
7900	Piante di non accertata posizione	...	...	...	...	...	...	...	...	...
		35.5000	40.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
		35.5400	40.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
		35.6000	40.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
		35.6500	40.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
		35.6700	40.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
		35.7000	40.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
		35.7300	40.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
		35.7400	40.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
		35.7600	40.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
		35.7700	40.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
		35.7900	40.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

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Sheppard, T. Tooth of a bear from Bridlington. Hull Mus. Publ., 20, 1904, (24, 25, with fig.).

— Fossil walrus tusk [Kelsey Hill]. Hull Mus. Publ., 22, 1904, (24).

— Remains of the lion in East Yorkshire. Naturalist, London, 1904, (102-104, with fig.).

— Remains of the bear in East Yorkshire. Naturalist, London, 1904, (142, 143, with fig.).

dh Italy.

Flores, Eduardo. Nuovi avanzi di *Ursus spelaeus* Blum. del Buco del Piombo sopra Erba (Como). Riv. ital. paleont., Bologna, 9, 1903, (10-11).

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Stingelin, Theodor. Über ein im Museum zu Olten aufgestelltes Kraniaum von *Elephas primigenius* Blumenbach. Basel, Abh. Schweiz. Pal. Ges., No. 5, 29, 1902, (9, mit 2 Taf. u. 1 Fig.).

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Troll, Oskar Ritter von. *Elephas primigenius* Blum. im Löss von Kledering bei Wien. Wien, Verh. Geol. Rchs-Anst., 1904, (234).

Woldrich, J. N. Der Fund eines *Aceratherium*-Knochens bei Wittingau. (Böhmisch) Prag, Věstn. České Ak. Frant. Jos., 10, 1901, (189-192).

dl Balkan Peninsula.

Sevastos, Romulus. Sur la faune pléistocène de la Roumanie. Paris, Bul. soc. géol., (sér. 4), 3, 1903, (179-182).

dm Mediterranean and Islands.

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e ASIA.

ef British India.

Pilgrim, G[uy] E[llcock]. Rec. Geol. Surv. Ind., Calcutta, 31, pt. 3, 1904, (176-177).

g NORTH AMERICA.**ga Alaska.**

Gandry, Albert. Observations palé-ontologiques dans l'Alaska. Paris, C.-R. Acad. sci, **137**, 1903, (553-554).

gg North-Eastern United States.

Prentiss, Daniel Webster. Description of an extinct mink [*Lutreola macrodon* n. sp.] from the shell-heaps of the Maine coast. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (887-888, with text fig.). Separate. 24.5 cm.

Rhoads, Samuel N[icholson]. The mammals of Pennsylvania and New Jersey. A biographic, historic and descriptive account of the furred animals of land and sea, both living and extinct, known to have existed in these states. . . . Philadelphia (Privately pub.), 1903, (1 + 266, with 9 pls. and fold map). 24 cm.

h SOUTH AMERICA.**hi Argentina.**

Studer, Th. [Eine Anzahl menschlicher und tierischer Knochen aus Feuerland, Süd-Patagonien. Ueberrest von *Neonylodon listaei*.] Bern, Mitt. Natf. Ges., **1903**, (X).

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

0431 PROTOZOA.

0431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Cinetoconia. Renault, B. Autun, Bul. soc. hist. nat., 1903, (Proc.-verb., 25-27).

0431.55 UPPER PALAEOZOIC.

Bigennerina nn. spp. Volz, W. Zur Geologie von Sumatra. Geol. u. palaeont. Abh., Jena, 10, (N.F. 6), H. 2, 1904, (1 + 112, mit 12 Taf. u. 3 Kart.).

Sumatrina (~ *Fusulina*) n. gen. S. annae n. sp. Volz, W. l.c.

Triticites n. gen. (Type, *Miliolites secalicus* Say). Girty, G. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (234-240, with text fig.).

0431.60 MESOZOIC (SECONDARY).

Textularidae. Fornasini, C. Roma, Boll. Soc. geol. ital., 22, 1903, (85-96).

0431.70 JURASSIC.

Bulimina gregorii n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., 1904, (N. Ser.), 16, (185-206, with 2 pls.).

Cristellaria. Chapman, F. l.c.

Discorbina roseacea D'Orbigny. Chapman, F. l.c.

Flabellina dilatata Wieniowski. Chapman, F. l.c.

Haplophragmium neocomianum Chapman. Chapman, F. l.c.

Marginulina spp. Chapman, F. l.c.

Polymorphina spp. Chapman, F. l.c.

Textularia crater n. sp. Chapman, F. l.c.

Truncatulina ruellerstorfi Schwager. Chapman, F. l.c.

Vaginulina spp. et n. var. Chapman, F. l.c.

0431.75 CRETACEOUS.

Amphystegina spp. Fornasini, C. Bologna, Rend. Acc. sc., (Nuova Ser.), 7, 1903, (142-145).

Bulimina trigonula n. nom. (= *B. trigona* Terg. var. *inornata*, n. var.). Chapman, F. Cape Town, Ann. S. Afric. Mus., 4, 1904, (224, pl. XXIX, fig. 3).

Cristellaria subalata Reuss. Chapman, F. l.c. (226, pl. XXIX, fig. 10).

Globigerina canaliculata Reuss. Chapman, F. l.c. (229, pl. XXIX, fig. 12).

Haplophragmium neocomianum Chapman. H. meridionale n. sp. Chapman, F. l.c. (223, pl. XXIX, fig. 1).

Nodosaria spp. **Chapman, F. l.c.** (225, pl. XXIX, fig. 5).

Pleurostomella subnodosa Reuss. **Chapman, F. l.c.** (224, pl. XXIX, fig. 4).

Polymorphina ? *gibba* D'Orbigny. **Chapman, F. l.c.** (228, pl. XXIX, fig. 11).

Pulvinulina spp. **Chapman, F. l.c.** (230, pl. XXIX, figs. 13, 13A).

Rotalia soldanii d'Orbigny. var. *nitida*. Reuss. **Chapman, F. l.c.** (232, pl. XXIX, figs. 17, 17A).

Truncatulina schloenbachi Reuss. **Chapman, F. l.c.** (229, pl. XXIX, figs. 16, 16A).

Vaginulina spp. **Chapman, F. l.c.** (226, pl. XXIX, fig. 7).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Biloculina paradoxa n. sp. **Wójcik, K.** Kraków, Rozpr. Akad., B, **43**, 1903, (489-569); deutsches Rés.; Kraków, Bull. Intern. Acad., **1903**, (804).

Cristellaria sp. et nn. spp. **Wójcik, K. l.c.** (489-568); l.c. (803).

Miliolina (Quinqueloculina) magna n. sp. **Wójcik, K. l.c.**

Miliolina (Triloculina) sp. **Wójcik, K. l.c.** (489-569). l.c. (798-809)

Nummulites. **Holland, R.** London, Q. J. Geol. Soc. **60**, 1904, (292-295).

—— **Szajnoch, W.** Kosmos, Lwów, **28**, 1903, (299-319).

Rotalia nn. spp. **Wójcik, K.** Kraków, Rozpr. Akad., B, **43**, 1903, (489-569); deutsches Rés.; Kraków, Bull. Intern. Acad., **1903**, (804, pl. XVII).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amphystegina spp. **Fornasini, C.** Bologna, Rend. Acc. sc., (Nuova Ser.), **7**, 1903, (112-145).

Bigenenerina. **Schubert, R. J.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Bulimina. **Schubert, R. J. l.c.** (358-422).

Cannartiscus marylandicus n. sp. **Martin, G. C.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Cristellaria. **Schubert, R. J.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Cyclammina. **Schubert, R. J. l.c.**

Cyclammina cancellata. **Silvestri, A.** Roma, Atti Acc. Nuovi Lincei, **56**, 1903, (101-106, estr. 1-6, con fig.).

Eucyrtidium calvertense n. sp. **Martin, G. C.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Globigerina spp. **Fornasini, C.** Bologna, Rend. Acc. sc., (Nuova Ser.), **7**, 1903, (139-142).

Lithocampe marylandica n. sp. **Martin, G. C.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

Phacodiscus calvertanus n. sp. **Martin, G. C. l.c.**

Plectofrondicularia. **Schubert, R. J.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Polymorphina compressa var. *striata* n. var. **Bagg, R. M., jun.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (460-483, with pl.).

Ramulina. **Schubert, R. J.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Rhopalodictyum nn. spp. **Martin, G. C.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-452, with pl.).

Sagrina. **Schubert, R. J.** Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (358-422).

Sagrina nodosa. **Silvestri, A.** Boll. Naturalista, Siena, **23**, 1903, (129-132, con. fig.).

Sagrina spinosa n. sp. **Bagg, R. M., jun.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (460-483, with pl.).

Siphogenerina columellaris. **Silvestri, A.** Roma, Atti Acc. Nuovi Lincei, **56**, 1903, (59-66).

Spongasteriscus marylandicus n. sp. **Martin, G. C.** Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (447-459, with pl.).

0431.95 PLEISTOCENE AND RECENT.

Textularidae. **Fornasini, C.** Bologna, Mem. Acc. sc., (Ser. 5), **10**, 1903, (299-314, con tav.).

0631 PORIFERA.

0631.75 CRETACEOUS.

Porosphaera nn. spp. **Hinde, G. J.** London, J. R. Microsc. Soc., **1904**, **1**, (23).

0831 COELENTERATA.

0831.50 LOWER PALAEOZOIC.

Bryograptus nn. spp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 22 cm.

Climacograptus pungens n. sp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., text fig. tables). Separate. 29 cm.

Cryptozoon? perkinsi n. sp. **Seely, H. M.** Vermont, Rep. Geol., Burlington, **1903-1904**, 1904, (144-152, with pl.).

Dendrograptus nn. spp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Desmograptus intricatus n. sp. **Ruedemann, R.** l.c.

Dicellograptus angulatus n. sp. and sp. **Elles, G. L.** and **Wood, E. M. R.** London, Monogr. Palaeont. Soc., **58**, 1904, (149).

Dicranograptus nn. spp. **Elles, G. L.** and **Wood, E. M. R.** l.c. (170).

Dictyonema nn. spp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Didymograptus nn. spp. **Ruedemann, R.** l.c.

Diplograptus nn. spp. **Ruedemann, R.** l.c.

Glossograptus nn. spp. **Ruedemann, R.** l.c.

Goniograptus nn. spp. **Ruedemann, R.** l.c.

Protrichiscolithus n. gen. **Klaar, J.** Kristiania, Skr. Vid. selsk., **I**, **10**, **1903**. 1903, (58, with 14 pl.).

Ptilograptus tenuissimus n. sp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Simagraptus n. gen., *S. praecursor* n. sp. **Ruedemann, R.** l.c.

Staurograptus dichotomus var. *apertus* n. var. **Ruedemann, R.** l.c.

Stromatocerium nn. spp. et n. var. **Seely, H. M.** Vermont, Rep. Geol., Burlington, **1903-1904**, 1904, (144-152, with pl.).

Strophograptus n. gen. *S. trichomanes* n. sp. **Ruedemann, R.** Albany Univ., N.Y., Mem. St. Mus., **7**, 1904, (1 l. + [457]-803, with pl., map, text fig. tables). Separate. 29 cm.

Temnograptus noreboracensis n. sp. **Ruedemann, R.** l.c.

Tetragraptus nn. spp. **Ruedemann, R.** l.c.

0831.55 UPPER PALAEOZOIC.

Blotrophyllum houghtoni. **Greene, G. K.** Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (156).

Ctisiophyllum thillae n. sp. **Angella (De) d'Ossat, G.** Roma, Rend. Acc. Lincei, (Ser. 5), **12**, 1903, 1° sem., (515-521).

Cystiphyllum nn. spp. **Greene, G. K.** Contribution to Indiana palaeontology. Parts XVII, XX. New Albany, Ind., 1904, (169, 170, 202, 203).

Diphyphyllum dilatatum n. sp. **Greene, G. K.** l.c. Part XX. (199).

Favosites clausus sp. *F. louisvillensis* n. sp. **Greene, G. K.** l.c. Parts XVII, XIX. (168, 186).

Haimeophyllum ordinatum. **Greene**, G. K. l.c. Part XX. 1904, (198)

Heliophyllum spp. et nn. spp. **Greene**, G. K. l.c. Parts XVI, XVIII-XX, 1903-04, (157, 180, 185, 199, 200).

Lithodrumus n. gen. *L. veryi* n. sp. **Greene**, G. K. l.c. Part XVII. 1904, (168).

Lonsdaleia nn. spp. **Volz**, W. Geol. u. palaeont. Abh., Jena, **10**, (N.F. **6**), H. 2, 1904, (1 + 112).

Lophophyllum vermiforme Tornquist n. sp. **Tornquist**, [A.] Leiden, Samml. Geol. Reichsmus., (Ser. 1), **8**, [1904], (99-100).

Myriopora (~ *Millestroma*) n. gen. *M. verbeeki* n. sp. **Volz**, W. Geol. u. palaeont. Abh., Jena, **10**, (N.F. **6**), H. 2, 1904, (1 + 112).

Protopora n. gen. *P. cystoides*. **Greene**, G. K. Contribution to Indiana palaeontology. Part XVII. New Albany, Ind., 1904, (169).

Triatylotus n. gen. et nn. spp. **Parks**, W. A. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (135-140, with text fig.).

Zaphrentis nn. spp. **Greene**, G. K. Contribution to Indiana palaeontology. Parts XVI, XVIII-XX. New Albany, Ind., 1903-04, (156, 176-179, 186, 187, 198, 201).

0831.70 JURASSIC.

Astrocoenia spp. **Scalia**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Cycloseris paronae n. sp. **Bellini**, R. Roma, Boll. Soc. geol. ital., **22**, 1902, (418-420).

0831.75 CRETACEOUS.

Alteopora cretacea n. sp. **Felix**, J. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (49).

Astrocoenia pygmaea n. sp. **Felix**, J. l.c. (54, pl. iii, figs. 4, 5).

Cyclolites choffati n. sp. **Felix**, J. l.c. (48, pl. iii, figs. 2, 3).

Diploctenium affine n. sp. **Felix**, J. l.c. (55, pl. iii, figs. 8, 9).

Heterocoenia provincialis. **Janensch**, W. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (486-493).

Phyllocoenia transiens n. sp. **Felix**, J. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (53, pl. iii, fig. 1).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aldrichiella n. nom. (= *Aldrichia* Vaughan not Coquille). **Vaughan**, T. W. Washington, D.C., Proc. Biol. Soc., **16**, 1903, (101).

Endopachys Lonsdale (= *Rhectopsammia* Vaughan). **Vaughan**, T. W. l.c.

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Astrangia (*Coenangia*) *conradi* n. sp. **Vaughan**, T. W. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (433-447, with pl.).

Hydractinia multispinosa n. sp. **Ulrich**, E. O. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (433-438, with pl.).

Milleaster n. gen. et nn. spp. **Ulrich**, E. O. l.c.

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Agelacrinus. **Spencer**, W. K. London, Proc. R. Soc., **74**, 1904, (31-46, with pl. figs.).

Palaeodiscus. **Spencer**, W. K. l.c.

1031.50 LOWER PALAEOZOIC.

Holocystis papulosus? **Greene**, G. K. Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (166-167).

1031.55 UPPER PALAEOZOIC.

Actinocrinus multiramosus var. *alidorsatus* n. var. **Greene, G. K.** Contribution to Indiana palaeontology. Part XIX. New Albany, Ind., 1904, (187).

Arachnocrinus extensus. **Greene, G. K.** l.c. Part XVIII. (180).

Batoerinus spp.; nn. spp., nn. varr. **Greene, G. K.** l.c. Parts XVII, XIX. (170-175, 188).

Botryocrinus americanus n. sp. **Greene, G. K.** l.c. Part XVIII. (184).

Ceriocrinus ? priscus n. sp. **Greene, G. K.** l.c. Part XVI. 1903, (161).

Dolatoerinus spp. **Greene, G. K.** l.c. Parts XVI, XIX. 1903-04, (157-160, 163-165, 191).

——— nn. spp. **Wood, E.** Washington, D.C., Smithsonian Inst., Misc. Collect., Q., 47, 1904, (56-84, with pl.).

——— *wachsmuthi* n. nom. (= *D. lyoni* Wachsmuth and Springer (name preoccupied by Miller and Gurley)). **Wood, E.** l.c.

Eleutheroerinus casedayi. **Greene, G. K.** Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (161).

Gemmaocrinus simulans n. sp. **Greene, G. K.** l.c. Part XVIII. 1904, (183).

Hadrocrinus plenissimus. **Greene, G. K.** l.c. Part XVI. 1903, (165).

Megistocrinus spp. **Greene, G. K.** l.c. Parts XVI, XVIII. 1903-04, (160, 166, 181, 182).

——— nn. spp. **Wood, E.** Washington, D.C., Smithsonian Inst., Misc. Collect., Q., 47, 1904, (56-84, with pl.).

Metablastus bipyramidalis. **Greene, G. K.** Contribution to Indiana palaeontology. Part XVI. New Albany, Ind., 1903, (162).

Nucleocrinus spp. **Greene, G. K.** l.c. Part XIX. 1904, (190, 191-192).

Pentremites koninckanus. **Greene, G. K.** l.c. (190).

Stereoerinus ? indianensis. **Greene, G. K.** l.c. Part XVIII. 1904, (182).

Tiaracrinus tetraedra n. sp. **Jaekel, O.** Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. Mitarb., (77).

Tricaelocrinus woodmani. **Greene, G. K.** Contribution to Indiana palaeontology. Part XIX. New Albany, Ind., 1904, (189).

Tripleurocrinus n. gen. *T. levis* n. sp. **Wood, E.** Washington, D.C., Smithsonian Inst. Misc. Collect. Q., 47, 1904, (56-84, with pl.).

Tylocrinus n. gen., *T. novus* n. sp. **Wood, E.** l.c.

1031.70 JURASSIC.

Acrosalenia chartroni. **Lambert, J.** Paris, Bul. soc. géol., (sér. 4), 3, 1904, (538-545).

Cidaris elegans. **Séguin.** Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (199-200, av. fig.).

Desorella. **Woods, H.** Geol. Mag., London, (Ser. 2) [5], 1, 1904, (479).

Diademopsis spp. **Scalia, S.** (Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Hessotia minor. **Lambert, J.** Paris, Bul. soc. géol., (sér. 4), 3, 1904, (538-545).

Pseudo-diadema primacum. **Lambert, J.** l.c.

1031.75 CRETACEOUS.

Codiopsis calotairei n. sp. **Lambert, J.** Paris, Bul. soc. géol., (sér. 4), 3, 1903, (89-92, av. pl.).

Echinocorys. **Arnaud, H.** Bordeaux, Actes soc. linn., (sér. 6), 7, 1902, (29-39).

——— **Lambert, J.** Description des échinides. Etude sur le genre *Echinocorys*. Bruxelles (Pollennis et Couterick), 1903, (151, av. fig. et 6 pl.).

Epiaster nutrix n. sp. **Lambert, J.** Paris, Bul. soc. géol., (sér. 4), 3, 1903, (86, pl. iii).

Hemiaster vancouverensis n. sp. **Whiteaves, J. F.** Amer. J. Sci., New Haven, Conn., (Ser. 4), 18, 1904, (287-289).

Holaster stümcki n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), H **37**, 1902, (129 + 111).

Homoeaster ardouini n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (80, pl. iii).

Linthia oblonga. **Newton**, R. B. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (441).

Pentacrinus dentatogranulatus n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Pentacrinus zeltbergensis n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), H **37**, 1902, (129 + 111).

Salenia boulei n. sp. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (75-88).

Urtacrinus. **Springer**, F. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **25**, No. 1, 1901, (1 l. + 89 + 8 l., with 8 pls.). 36.5 cm.

—— **Whiteaves**, J. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (287-289).

—— *socialis*. **Schuchert**, C. Reprinted from Washington, D.C., Smithsonian Inst., Misc. Collect., Q., **45**, 1904, (450).

1031.85 LOWER CAENOZOIC (Eocene, Oligocene).

Hemiasiter sudanensis n. sp. **Bather**, F. A. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (299).

Plesiolampas saharæ n. sp. **Bather**, F. A. l.c. (293).

1031.90 UPPER CAENOZOIC (Miocene, Pliocene).

Chuniola n. gen., *C. carolinae* n. sp. **Gagel**, C. Berlin, Jahrb. geol. Landesanst., **23**, (1902), 1903, (531, pl. XXIV).

Maretia zeisæi n. sp. **Gagel**, C. l.c. (541, pls. XXIV-XXV).

Spatangus nn. spp. **Gagel**, C. l.c. (530, 537, 539, pls. XXIV-XXV).

(κ-14700)

1031.95 PLEISTOCENE AND RECENT.

Ophioglypha. **Nordmann**, V. Kjöbenhavn, Medd. Geol., **10**, 1904, (138-139).

Psolus. **Nordmann**, V. l.c.

VERMES.

1831.70 JURASSIC.

Terebellina n. gen., *T. palachei* n. sp. **Ulrich**, E. O. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([123]-146, with pl.).

1831.90 UPPER CAENOZOIC (Miocene, Pliocene).

Spirorbis calvertensis n. sp. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (430, with pl.).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

2031.50 LOWER PALAEOZOIC.

Anoplothea congregata n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Camarotoechia hudsonica n. sp. **Grabau**, A. W. Albany Univ., N.Y., Bull. St. Mus., No. **69**, 1903, (1030-1079, with map).

Chonostrophia un. spp. **Schuchert**, C. Amer. Geol., Minneapolis, Minn., **27**, 1901, (245-253).

Conchidium trilobatum n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428-486, with pl.).

Eatonia goodlandensis n. sp. **Kindle**, E. M. and **Breger**, C. L. l.c.

Pentamerus oblongus var. *compressa* n. var. **Kindle**, E. M. and **Breger**, C. L. l.c.

Pholidostrophia niagarensis n. sp. Kindle, E. M. and Breger, C. L. l.c.

Reticularia proxima n. sp. Kindle, E. M. and Breger, C. L. l.c.

Rhynchoospira excavata n. sp. Grabau, A. W. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1030-1079, with map).

Strophonella williamsi n. sp. Kindle, E. M. and Breger, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 28, (1903), 1904, (428-486, with pl.).

2031.55 UPPER PALAEOZOIC.

Ambocoelia umbonata Conrad mut. *pygmaea* n. mut.; mut. *pluto* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Athyris nn. spp. Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Athyris aliena n. sp. Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).

Chonetes robustus n. sp. Raymond, P. E. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (279-300, with text fig. and 7 pls.).

Cyrtina hamiltonensis Hall, mut. *pygmaea* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Discina bosniaca n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Nucleospira concinna Hall, mut. *pygmaea* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Orthothetes ingens n. nom. (= *Streptorhynchus gigas* Davidson). Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).

Productella spinulicosta Hall, mut. *pygmaea* n. mut. Loomis, F. B. Albany Univ., Bull. St. Mus., No. 69, 1903, (892-920).

Productus? *turcicus* n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Rensselaeria nn. spp. Fuchs, A. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (43-53).

Rhynchonella (Hypothyris) coronula n. sp. Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Schuchertella n. nom. (= *Orthothetes*, Type *Streptorhynchus lens* White). Kirby, George H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (721-736, with 3 pls.).

Spirifer spp. Lżmanowski, M. Kosmos, Lwów, 28, 1903, (289-294, av. 1 pl.); Une correction, Ib. 29, 1904, (101-102).

Spirifer marcyi Hall, mut. *pygmaeus* n. mut. *S. medialis* Hall, mut. *pygmaeus* n. mut. *S. fimbriatus* Conrad, mut. *pygmaeus* n. mut. *S. fimbriatus* Conrad, mut. *simplicissimus* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Strophalosia truncata Hall, mut. *pygmaea* n. mut. Loomis, F. B. l.c.

Stropheodonta herculea n. nom. (= *Orthis spathulata* Quenstedt). Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).

Trigleria lepida Hall, mut. *pygmaea* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Trigleria? *oehlerti* n. sp. Drevermann, F. Palaeontographica, Stuttgart, 50, 1904, (229-287).

Tropidoleptus. Raymond, P. E. Pittsburg, Pa., Ann. Carnegie Mus., 3, 1904, (79-177).

Tropidoleptus carinatus Conrad, mut. *pygmaeus* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

2031.65 TRIASSIC.

Amphicelina. Waagen, L. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (443-452).

Amphicelinodonta bitneri n. sp. Waagen, L. l.c.

Rhynchonella. Waagen, L. l.c.

Rhynchonella nn. spp. **Kittel**, E. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Spirigera. **Waagen**, L. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (443-452).

Spirigera borovacensis n. sp. **Kittel**, E. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Thecospira. **Waagen**, L. Wien, Jahrb. Geol. RchsAnst., **53**, (1903), 1904, (443-452).

2031.70 JURASSIC.

Orthotoma tourciensis n. nom. **Buckman**, S. S. Ann. Mag. Nat. Hist., London, **14**, pt. 7, 1904, (391).

Pseudoglossothyris banburyensis n. nom. **Buckman**, S. S. Ann. Mag. Nat. Hist., London, **14**, pt. 7, 1904, (392).

Rhynchonella miatschkowiensis n. sp. **Ilovaisky**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Terebratula punctata Sow. var. *lata*. **Douvillé**, H. Paris, Bul. Soc. géol., (ser. 4), **3**, 1904, (537-538).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Rhynchonella nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

2031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Argyrotheca schucherti n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Disciniscia lugubris. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (402-404, with pl.).

(K-14700)

2031.05 PLEISTOCENE AND RECENT.

Crania anomala. **Schepotieff**, A. Centralbl. Min., Stuttgart, **1904**, (12-13).

BRYOZOA.

2031.50 LOWER PALAEOZOIC.

Amplexopora multispinosa n. sp. **Cummings**, E. R. Amer. Geol., Minneapolis, Minn., **28**, 1901, (361-380, with 2 pls.).

Dekayella cystata n. sp. **Cummings**, E. R. l.c.

Dekayia magna n. sp. **Cummings**, E. R. l.c.

Eridotrypa revayensis n. sp. **Cummings**, E. R. l.c.

Homotrypa nn. spp. et nn. varr. **Bassler**, R. S. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (565-591, with 6 pls.).

2031.70 JURASSIC.

Proboscina. **Lang**, W. D. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (315-322).

Stomatopora. **Lang**, W. D. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (315-322).

2031.75 CRETACEOUS.

Berenicea dobrudschensis n. sp. **Toula**, F. Wien, Jahrb. Geol. RchsAnst., **54**, 1904, (1-46, mit 3 Taf.).

Membranipora nn. spp. **Canu**, F. Paris, Bul. soc. géol., (ser. 4), **3**, 1904, (659-662).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Cupularia canariensis Busk. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207-217, with 2 pls.).

Lunulites spp. **Maplestone**, C. M. l.c.

Selenaria magnipunctata n. nov. *S. otwayensis* n. sp.; spp. **Maplestone**, C. M. l.c.

2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Amptiblestrum nn. spp. Ulrich, E. O. and Basaler, R. S. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (404-429, with pl.).

Cellepora nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Crinina striatopora n. sp. Ulrich, E. O. and Basaler, R. S. l.c.

Idmonoa ? expansa n. sp. Ulrich, E. O. and Basaler, R. S. l.c.

Lepralia nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Membranipora nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Microporella nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Palmicellaria nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Relepora doverensis n. sp. Ulrich, E. O. and Basaler, R. S. l.c.

Schizoporella nn. spp. Ulrich, E. O. and Basaler, R. S. l.c.

Theonoo glomerata n. sp. Ulrich, E. O. and Basaler, R. S. l.c.

2231 MULLUSCA.

CEPHALOPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Mammites. Lapparent, de. Paris, C.-R. Acad. sci., 136, 1903, (1297-1298).

Orthoceras. Hoernes, R. Biol. Centralbl., Leipzig, 23, 1903, (363-370).

Pseudotissotia segnis n. sp. Solger, F. Berlin, Ze. D. geol. Ges., 55, 1903, Aufsätze, (69-84, mit 1 Taf.).

Sphenodiscus lenticularis. Solger, F. Berlin, Ze. D. geol. Ges., 55, 1903, Aufsätze, (69-84).

Vascoceras. Lapparent, de. Paris, C.-R. Acad. sci., 136, 1903, (1297-1298).

2231.50 LOWER PALAEOZOIC.

Lituities (Ophidioceras ?) herculeus var. *corrollensis* n. var. Kindle, E. M. and Breger, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 22, (1903), 1904, (423-486, with pl.).

Orthoceras (Kionoceras) nn. spp. Kindle, E. M. and Breger, C. L. l.c.

Trimeroceras gilberti n. sp. Kindle, E. M. and Breger, C. L. l.c.

2231.55 UPPER PALAEOZOIC.

Amphoreopsis n. gen. A. *paucicamerata* n. sp. Orick, G. C. London, Proc. Malac. Soc., 6, pt. 3, 1904, (134).

Bactrites sp. mut. *parvus* n. mut.; mut. *pygmaeus* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Clymenia kayseri n. sp. Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. pers., (99-207).

Cyclolobus haydeni. Dismar, C. Rec. Geol. Surv. Ind., Calcutta, 31, pt. 2, 1904, (56-58).

Episageceras n. gen., *E. latidorsatum* n. sp. Noetting, F. N. Jahrb. Min., Stuttgart, Beilagebd 19, 1904, (334-376).

Medlicottia. Noetting, F. l.c.

Orthoceras bokkeveldensis n. sp. Reed, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (239, pl. XXX, figs. 1-2).

Orthoceras subulatum Hall, mut. *pygmaeus* n. mut. Loomis, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Orthoceras waageni n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53 (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Osmanoceras n. gen., *O. undulatum* n. sp. Kittl, E. l.c.

Pericyclus fasciculatus. Orick, G. C. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (27-33).

Pleuromantulus pulcher n. sp. Orick, G. C. London, Proc. malac. Soc., 6, pt. 1, 1904, (15-20, with pl.).

Tetragonites n. gen., *T. grimmeri* n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Trienoceras costatum. **Drevermann**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (85-92).

2231.65 TRIASSIC.

Ceratites nn. spp. **Philippi**, F. Geol. u. paleont. Abh., Jena, 8=(N.F.), **4**, 1901, (345-458).

Ceratites vogdesi n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pls., table). Separate. 24.5 cm.

Episageceras n. gen. *E. latidorsatum* n. sp. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334-376).

Eutomoceras dunni n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pls., table). Separate. 24.5 cm.

Flemingites russelli Hyatt & Smith ms. **Smith**, J. P. l.c.

Halarites sp. **Vredenburg**, E. Rec. Geol. Surv. Ind., Calcutta, **31**, pt. 3, 1904, (162-166, with 2 pls.).

Medlicottia. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334-376).

Trachyceras (*Analcites*) *hyatti* n. sp. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci., (Geol.), (Ser. 3), **1**, 1904, (11 + 323-430, with 10 pl. table). Separate. 24.5 cm.

Trachyceras (*Protrachyceras*) *shastense* n. sp. **Smith**, J. P. l.c.

Tropites dilleri n. sp. **Smith**, J. P. l.c.

2231.70 JURASSIC.

Ammonites spp. **Blake**, J. F. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (162-166).

— **Healey**, M. Q. J. Geol. Soc., **60**, 1904, (54-64).

Aspidoceras acanthicum. **Canavari**, M. Paleontogr. Italica, Pisa, **9**, 1903, (1-17).

Belemnites spp. **Scalia**, S. Catania, Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

Belemnites miatschkowiensis n. sp. **Ilovaisky**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Brasilina spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (lxxxii).

Brasilina nn. spp. **Buckman**, S. S. l.c. (lxxxiv).

Braunsella n. gen. et nn. spp. **Buckman**, S. S. l.c. (cii).

Braunsina nn. spp. **Buckman**, S. S. l.c. (c).

Cadoceras crassum n. sp. **Madsen**, V. Kjöbenhavn, Medd. Grönl., **29**, [1904], (157-210).

Canavarella n. gen. et nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (cxxxviii).

Canavarina steinmanni (Haug, 1885—*Harpoceras*); *C. digna* n. nom. **Buckman**, S. S. l.c. (cxli, cxlii).

Cardioceras nn. spp. **Ilovaisky**, D. Moskva, Bull. Soc. Nat., **1903**, (222-292).

Coeloceras nn. mutt.; spp.; mut.; *C. (Stephanoceras) wysogorskii* n. sp. **Prins**, G. Földt. Evk., Budapest, **15**, 1904, (88, 93).

Cotteswoldia nn. spp. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **58**, 1904, (cxxxvi).

Crickia n. gen., *C. reftua* n. sp. **Buckman**, S. S. l.c. (lxxiii).

Darellella n. gen., *D. recticostata* n. sp. **Buckman**, S. S. l.c. (cvii).

Darellia nn. spp. **Buckman**, S. S. l.c. (cxii).

Darellina n. gen. et nn. spp. **Buckman**, S. S. l.c. (cvi).

Deltoidoceras nn. spp. **Buckman**, S. S. l.c. (cxxxviii).

Deltotoceras discoideum (Quenstedt.—*Ammonites*); nn. spp. **Buckman**, S. S. l.c. (cxi).

Depaoceras hamatum n. sp. **Buckman**, S. S. l.c. (lxxviii).

Dissoroceras excavatum n. nom.; *D. subornatum* n. sp. **Buckman**, S. S. l.c. (cxv, cxvi).

Dumortieria n. sp. et nn. mutt.; spp. **Prins**, G. Földt. Evk., Budapest, **15**, 1904, (61-62).

Eryceites nn. spp.; n. mut. **Prinz, G.** l.c. (81).

Frechiella curvata n. sp. **Prinz, G.** N. Jahrb. Min., Stuttgart, 1904, 1, (30-38).

——— **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (58-59, mit Taf. xxxvii).

Frechiella brunsvicensis Stolley n. sp. **Hoyer.** Centralbl. Min., Stuttgart, 1904, (385-389).

Grammoceras. **Beck, H.** Wien, Jahrb. Geol. Reichsanst., 53 (1903), 1904, (473-480).

Graphoceras nn. spp. et var. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 53, 1904, (xcvi).

Hammatoceras nn. spp.; nn. mutt.; spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (75).

Harpoceras. **Strübin, K.** Basel, Abh. Schweiz. Pal. Ges., 30, 1903, (4).

Harpoceras (Grammoceras) laevigatum n. sp. **Hautk.**; spp. **H. (Lioceras) latifalcatum** Denckm. & Steuer n. sp.; n. mutt.; spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (97-101).

Hildoceras nn. spp.; n. var.; spp. **Prinz, G.** l.c. (111-112).

Hugia n. gen. et nn. spp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 53, 1904, (cxi).

Hyperlioceras lucyi (Buckman, 1880.—*Ludwigia*); nn. spp.; n. nom. **Buckman, S. S.** l.c. (cxxii, cxxiii).

Kiliania nn. spp. **Buckman, S. S.** l.c. (lxv).

Lopadoceras n. gen. gen. et nn. spp. **Buckman, S. S.** l.c. (cxi).

Lucya marginata n. sp. **Buckman, S. S.** l.c. (lxv).

Ludwigella (Buckman.—*Ludwigia*); spp. et nn. spp. **Buckman, S. S.** l.c. (lxxxv).

Ludwigia ambigua (Buckman, 1888.—*Lioceras*); n. sp. et n. nom. **Buckman, S. S.** l.c. (lxxii).

Lytoceras crebricosta. **Fucini, A.** Pisa, Mem. Soc. tosc. sc. nat., 19, 1903, (340-343).

Lytoceras humile n. sp.; spp.; n. mutt.; n. var. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (55).

Macrocephalites pompeckii n. sp. **Hadsen, V.** Kjöbenhavn, Medd. Grönl., 23, [1904], (157-210).

Ochetoceras canaliculatoide n. sp. **Novásky, D.** Moskva, Bull. Soc. Nat., 1903, (222-292).

Oedania n. gen. et nn. sp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 53, 1904, (cvii).

Oppelia gracililobata Vacek; n. mutt. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (118).

Paineia n. gen. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 53, 1904, (lxxvii).

Paquieria nn. spp. **Buckman, S. S.** l.c. (lxvii).

Parkinsonia (Tmetoceras) acicosa Ben. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (119, mit Taf. XVI und XX).

Perisphinctes championensis Crick (Aptychus). **Chapman, F.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), 13, 1904, (306-335, with 4 pls.).

——— *intercedens* n. sp. **Novásky, D.** Moskva, Bull. Soc. Nat., 1903, (222-292).

Phylloceras nn. spp.; nn. mutt., spp. **Prinz, G.** Földt. Evk., Budapest, 15, 1904, (37-38).

Platygraphoceras n. nom.; nn. spp. **Buckman, S. S.** London, Monogr. Palaeont. Soc., 53, 1904, (xcv).

Pleydellia comata n. sp. **Buckman, S. S.** l.c. (cxxxviii).

Pseudogrammoceras nn. spp.; n. nom.; spp. **Buckman, S. S.** l.c. (cl, clii, cliv, clix).

Pseudographoceras nn. spp. **Buckman, S. S.** l.c. (xciii).

Pseudolioceras falcodiscus (Quenstedt, 1885.—*Ammonites*); nn. nomm. **Buckman, S. S.** l.c. (clx).

Reynesella nn. spp. **Buckman, S. S.** l.c. (cx).

Reynesia nn. spp. **Buckman, S. S.** l.c. (cv).

Rhaeboceras n. gen. *R. tortum* n. sp. *R. tolvarium* (Dumortier, 1874—*Ammonites*). **Buckman, S. S.** l.c. (lxxii, lxxiii).

Sphaeroceras sausei. Strübin, K. Basel, Abh. Schweiz. Pal. Ges., **30**, 1903, (4).

Stokesia n. gen. et nn. spp. Buckman, S. S. London, Monogr. Palaeont. Soc., **53**, 1904, (cxxvii).

Tmetoceras katzeri n. sp. Beck, H. Wien, Jahrb. Geol. RchsAnst., **53** (1903), 1904, (473-480).

Tozolioceras nn. spp. Buckman, S. S. London, Monogr. Palaeont. Soc., **53**, 1904, (cxxvii).

Vacekia stephensi n. sp. Buckman, S. S. l.c. (clvii).

Walkeria delicata n. sp. Buckman, S. S. l.c. (cxl).

Wiltshireia n. gen. *W. gigantea* (Buckman 1888—*Lioceras bradfordense* var. *giganteum*). Buckman, S. S. l.c. (lxviii).

2231.75 CRETACEOUS.

Acanthoceras nn. spp. Solger, F. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Acanthoceras hoplitoides n. sp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, **10** = (N F. **6**, H. 4, 1904, (1-40).

Acompsoceras n. gen. Type, *A. bochumense* (Schlüter). Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (111). 30 cm.

Aconeceras n. gen. Type, *A. nisum* (d'Orbigny). Hyatt, A. l.c. (100).

Actinocamax. Orick, G. C. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (407-410).

Ammonites (*Desmoceras*?) *langenhani* n. sp. Sturm, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh., auss. st. Pers., (39-98).

Atracilites. Orick, G. C. Geol. Mag., London, (ser. 2) [5], **1**, 1904, (407-410).

Baculites aspero-anceps n. sp. Lasswitz, R. Geol. u. palaeont. Abh., Jena, **10** = (N.F.) **6**, H. 4, 1904, (1-40).

Barroisiceras brancoi n. sp. Solger, F. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (83-242).

Barroisiceras haueri n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Carstenia n. gen. Type *C. lindigi* (Karsten). *C. ? tuberculata* n. sp. Hyatt, A. l.c. (133).

Choffaticeras n. gen. Type *C. meslei* (Peron). Hyatt, A. l.c. (37).

Coilopoceras n. gen. et nn. spp. Hyatt, A. l.c. (91).

Creniceras sp. Etheridge, R., jun. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (90, pl. III, figs. 21, 22).

Desmoceras keilhacki n. sp. Wolle-
mann, A. Berlin, Jahrb. geol. Landes-
anst., **24**, (1903), 1904, (22-42).

Diplacmoceras (= *Diplacmoceras*). *D. canaliculatum* n. sp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Douvilleiceras orbignyi n. sp. Hyatt, A. l.c.

Engonoceras nn. spp. Hyatt, A. l.c.

Eulophoceras n. gen. *E. natalense* n. sp. Hyatt, A. l.c. (85).

Gerhardtia n. gen. Type *G. galea-
toides* (Karsten). Hyatt, Alpheus. l.c. (135).

Hamites nn. spp. Wolle-
mann, A. Berlin, Abh. geol. Landesanst., (N.F.)
H **37**, 1902, (129 + 111).

Heinzia nn. spp. Hyatt, A. Washing-
ton, D.C., Dept. Int. U. S. Geol. Surv.,
Monogr., **44**, 1903, (351 + iii, with pl.).
30 cm.

Hoplitoides koeneni. Solger, F. [In:
E. Esch u. A., Beiträge zur Geologie von
Kamerun.] Stuttgart, 1904, (83-242).

Knemiceras nn. spp. Hyatt, A. Washington, D.C., Dept. Int. U. S. Geol. Surv., Monogr., **44**, 1903, (351 + iii, with pl.). 30 cm.

Mantelliceras n. gen. Type *M. man-
telli* (Sow.). *M. pieteti* n. sp. Hyatt, A. l.c. (113).

Metasigaloceras n. gen. Type *M. rusticum* (Sow.). Hyatt, A. l.c. (106).

Metatissotia n. gen. *M. nodosa* n. sp. Hyatt, A. l.c. (45).

Metengonoceras n. gen. et nn. spp.
Hyatt, A. l.c. (179).

Metoicoceras n. gen. Type *M. sval-
lovi* (Shumard) et nn. spp. Hyatt, A.
l.c. (116).

Neolobites nn. spp. Hyatt, A. l.c.
(351 + 111).

Neoptychites nn. spp. Solger, F.
[In: E. Esch u. A., Beiträge zur Geo-
logie von Kamerun.] Stuttgart, 1904,
(83-242).

Nicklesia n. gen. Type *N. dumasiana*
(d'Orbigny) et nn. spp. Hyatt, A.
Washington, D.C., Dept. Int. U. S. Geol.
Surv., Monogr., 44, 1903, (138). 30 cm.

Pachydiscus laevicaniculatus n. sp.
Lasswitz, R. Geol. u. palaeont. Abh.,
Jena, 10, = (N.F.) 6, H. 4, 1904, (1-40).

Paratissotia n. gen., *P. regularis* n.
sp. Hyatt, A. Washington, D.C., Dept.
Int. U. S. Geol. Surv., Monogr. 44, 1903,
(50).

Placenticeras nn. spp. Hyatt, A. l.c.
(351 + iii).

— *kaffrarium* n. sp.
Ekheridge, R. jun. Pietermaritzburg,
Rep. Geol. Surv. Nat. Zulul., 1904, (89,
pl. III, fig. 16).

Protengonoceras planum n. sp. Hyatt,
A. Washington, D.C., Dept. Int. U. S.
Geol. Surv., Monogr., 44, 1903, (351 +
iii, with pl.). 30 cm.

Pseudaspidoceras n. gen. Type *P.
footeanum* (Stoliczka). Hyatt, A. l.c.
(106).

Pseudotissotia philippii n. sp. Solger,
F. [In: E. Esch u. A., Beiträge zur
Geologie von Kamerun.] Stuttgart, 1904,
(83-242).

Pseudotissotia ? tunisiensis n. sp.
Hyatt, A. Washington, D.C., Dept.
Int. U. S. Geol. Surv., Monogr., 44, 1903,
(351 + iii, with pl.). 30 cm.

Pulchellia nicklesi n. sp. Hyatt, A.
l.c.

Roemeroceras nn. spp. Hyatt, A. l.c.

Schloenbachia nn. spp. Lasswitz, R.
Geol. u. palaeont. Abh., Jena, 10 = (N.F.)
6, H. 4, 1904, (1-40).

Schluteriaceras n. gen. (Type *S.
nodosoides* (Schlüter). Hyatt, A. Wash-
ington, D.C., Dept. Int. U. S. Geol.
Surv., Monogr., 44, 1903, (110). 30 cm.

Sharpeiceras n. gen. Type *S. lati-
clavium* (Sharpe). Hyatt, A. l.c. (111).

Sonneratia supani n. sp. Lasswitz,
R. Geol. u. palaeont. Abh., Jena, 10 =
(N.F.) 6, H. 4, 1904, (1-40).

Sphenodiscus nn. spp. Hyatt, A.
Washington, D.C., Dept. Int. U. S. Geol.
Surv., Monogr., 44, 1903, (351 + iii, with
pl.). 30 cm.

Styracoceras n. gen. Type *S. (Amm.)
balduri* (Keyserling). Hyatt, A. l.c.
(244).

Subpulchellia n. gen., *S. castellanensis*
n. sp. Hyatt, A. l.c. (139).

Subtissotia n. gen. Type *S. inflata*
(Peron), *S. peroni* n. sp. Hyatt, A. l.c.
(43).

Tegoceras n. gen. Type *T. (Amm.)
moesense* (d'Orbigny). Hyatt, A. l.c.
(84).

Tissotia nn. spp. Solger, F. [In:
E. Esch u. A., Beiträge zur Geologie
von Kamerun.] Stuttgart, 1904, (83-
242).

Tissotia globosa n. sp. Hyatt, A.
Washington, D.C., Dept. Int. U. S. Geol.
Surv., Monogr., 44, 1903, (351 + iii, with
pl.). 30 cm.

Tolypoceras n. gen. Type *T. (Amm.)
marcouzanum* (Pictet and Campiche).
Hyatt, A. l.c. (103).

Turritiles nn. spp. Lasswitz, R. Geol.
u. palaeont. Abh., Jena, 10 = (N.F.) 6,
H. 4, 1904, (1-40).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Margarites peninsularis n. sp. Dall,
W. H. [In: Alaska (Harriman Ex-
pedition), edited by C. Hart Merriam.
Vol. 4.] New York, 1904, (97-122,
with pl.).

Spirulirostra szajnochae n. sp.
Wójcik, K. Kraków, Rozpr. Akad., R.
43, 1903; (489-569), deutsches Rés.,
Krakow, Bull. Intern. Acad., 1903,
(798-809).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Nautilus ? sp. Martin, G. C. Mary-
land Geol. Surv. (Miocene), Baltimore,
1904, (130, with pl.)

GASTROPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Nerita (*Velates*) *schmideliana*.
Lapparent, de. Paris, C.-R. Acad. sci.,
136, 1903, (1297-1298).

2231.50 LOWER PALAEOZOIC.

Coleolus? *aciculum* J. Hall. Chapman,
F. Melbourne, Proc. R. Soc. Vict., (N.
Ser.), 16, 1904, (337-342, with pl.).

Conularia souerbyi, *C. ornatissima*
n. sp. Chapman, F. l.c.

Euomphalopterus alatus nn. var.
Kindle, E. M. and Breger, C. L. Indiana, Rep.
Dept. Geol. Nat. Res., Indianapolis, 28,
(1903), 1904, (428-486, with pl.).

Hyolithes novellus Barrande. II. *spryi*
n. sp. Chapman, F. Melbourne, Proc.
R. Soc. Vict., (N. Ser.), 16, 1904, (337-
342, with pl.).

Oriostoma nn. spp. et n. var. Kindle,
E. M. and Breger, C. L. Indiana, Rep.
Dept. Geol. Nat. Res., Indianapolis, 28,
(1903), 1904, (428-486, with pl.).

Pleurotomaria cloroidea n. sp.
Kindle, E. M. and Breger, C. L. l.c.

Styliola fissurella J. Hall, var. *multi-
striata* n. var. Chapman, F. Mel-
bourne, Proc. R. Soc. Vict., (N. Ser.), 16,
1904, (337-342, with pl.).

Tentaculites matlockiensis n. sp.
Chapman, F. l.c.

2231.55 UPPER PALAEOZOIC.

Bellerophon, spp. Reed, F. R. C. Cape
Town, Ann. S. Afric. Mus., 4,
1904, (241-243, pl. XXX, figs. 4-7A).

Bellerophon subaënsis n. sp. Kittl,
E. Wien, Jahrb. Geol. RchsAnst., 53,
(1903), 1904, (515-748, mit 3 Taf. und 1
Karte.).

Conularia spp. Reed, F. R. C. Cape
Town, Ann. S. Afric. Mus., 4, 1904,
(247-249, pl. XXX, figs. 10, 10A,
11).

Diaphrostoma? sp. Reed, F. R. C.
l.c. (245).

Euomphalus varicosus n. sp.
Drevermann, F. Berlin, Jahrb. geol.
Landesanst., 21, 1901, Abh. auss. st.
Pers., (99-207).

Holopea bairi Sharp. Reed, F. R. C.
Cape Town, Ann. S. Afric. Mus., 4,
1904, (245).

Hyolithes subaequalis Salt. Reed,
F. R. C. l.c. (247).

Lozonema sp. Reed, F. R. C. l.c.
(244, pl. xxx. fig. 8).

Macrochilina hebe Hall, mut. *pygmaea*
n. mut. Loomis, F. B. Albany Univ.,
N.Y., Bull. St. Mus., No. 69, 1903, (892-
920).

Patella ottomana n. sp. Kittl, E.
Wien, Jahrb. Geol. RchsAnst., 53,
(1903), 1904, (515-748, mit 3 Taf. und 1
Karte).

Pleurotomaria aff. *kayseri* Ulr. Reed,
F. R. C. Cape Town, Ann. S. Afric.
Mus., 4, 1904, (241, pl. XXX, fig. 3).

——— *itye* Hall, mut. *pygmaea*
n. mut.; *P. capillaria* Conrad, mut.
pygmaea n. mut. Loomis, F. B.
Albany Univ., N.Y., Bull. St. Mus.,
No. 69, 1903, (892-920).

Promathildia? *permiana* n. sp.
Kittl, E. Wien, Jahrb. Geol. Rchs-
Anst., 53, (1903), 1904, (515-748, mit
3 Taf. und 1 Karte).

Tentaculites crotalinus, *T. bairi* n. sp.
Reed, F. R. C. Cape Town, Ann. S.
Afric. Mus., 4, 1904, (245-246, pl. XXX,
fig. 9).

Worthenia dyadica n. sp. Kittl, E.
Wien, Jahrb. Geol. RchsAnst., 53, (1903),
1904, (515-748, mit 3 Taf. und 1 Karte).

2231.65 TRIASSIC.

Actaeonina orata n. sp. Picard, E.
Berlin, Jahrb. geol. Landesanst., 22,
1904, (445-537).

Adeorbis lincaviensis n. sp. Picard,
E. l.c.

Delphinula kokeni n. sp. Picard, E.
l.c.

Fedaella magna n. sp. Picard, E.
l.c.

Fritschia n. gen. et nn. spp. Picard,
E. l.c.

Lozonema nn. spp.; *I. (Polygyrina)*
olumnare n. sp. **Picard, E. l.c.**

Marmolatella plana n. sp. **Picard, E. l.c.**

Naticella nn. spp. **Picard, E. l.c.**

Neritaria nn. spp. **Picard, E. l.c.**

Protorcula nn. spp. **Picard, E. l.c.**

Protorcula boemiaca n. sp. **Kittl, E.**
Wien, Jahrb. Geol. RchsAnst., **53**, (1903),
1904, (515-748, mit 3 Taf. und 1 Karte).

Rhabdoconcha fritschi n. sp. **Picard, E.**
Berlin, Jahrb. geol. Landesanst.,
22, 1904, (445-537).

Tectospira n. gen. *T. chopi* n. sp.
Picard, E. l.c.

Temnotropis credneri n. sp. *T. parva*
n. sp. **Picard, E. l.c.**

Trypanostylus nn. spp. **Picard, E. l.c.**

Turritella nn. spp. **Picard, E. l.c.**

Undularia nn. spp. **Picard, E. l.c.**

Worthenia nn. spp. **Picard, E. l.c.**

2231.70 JURASSIC.

Alaria spp. **Scalia, S.** Catania, Bull.
Acc. Gioenia, **1903**, (fasc. 76, 33-37,
estr. 1-5).

Astralium spp. **Scalia, S. l.c.**

Cerithium nn. spp. **Scalia, S. l.c.**

Chemnitzia nn. spp. **Scalia, S. l.c.**

Crossostoma buccai n. sp. **Scalia, S. l.c.**

Emarginula aguta n. sp. **Scalia, S. l.c.**

Gibbula canevarii n. sp. **Scalia, S. l.c.**

Hologyra gemmellaroi n. sp. **Scalia, S. l.c.**

Mathilda capellinii n. sp. **Scalia, S. l.c.**

Nerinea nn. spp. **Toula, F.** Wien,
Jahrb. Geol. RchsAnst., **54**, 1904, (1-46,
mit 3 Taf.).

Patella clathrata n. sp. **Scalia, S.**
Catania, Bull. Acc. Gioenia, **1903**, (fasc.
76, 33-37, estr. 1-5).

Trochotoma di-stefanoi n. sp. **Scalia, S. l.c.**

Trophon liassicum n. sp. **Scalia, S. l.c.**

Turritella nn. spp. **Devalsky, D.**
Moskva, Bull. Soc. Nat., **1903**, (222-232).

——— *josephii* n. sp. **Scalia, S.**
Catania, Bull. Acc. Gioenia, **1903**, (fasc.
76, 33-37, estr. 1-5).

2231.75 CRETACEOUS.

Actaeonina atheretoni Tate, var.
unkwelanensis n. var. **Etheridge, R., jun.**
Pietermaritzburg, Sec. Rep. Geol.
Surv. Nat. Zulul., **1904**, (87, pl. II,
fig. 38).

Alaria bailyi n. sp. **Etheridge, R., jun. l.c.**

Aporrhais bicarinatoides n. sp.
Wollemann, A. Berlin, Jahrb. geol.
Landesanst., **24**, (1903), 1904, (22-42).

Aporrhais hirundo n. sp. **Sturm, F.**
Berlin, Jahrb. geol. Landesanst., **21**,
1901, Abh. auss. st. Pers., (39-98).

Cerithium nn. spp. **Wollemann, A.**
Berlin, Jahrb. geol. Landesanst., **24**
(1903), 1904, (22-42).

Chemnitzia sp. **Etheridge, R., jun.**
Pietermaritzburg, Sec. Rep. Geol. Surv.
Nat. Zulul., **1904**, (88, pl. III, fig. 2).

Cylichna nn. spp. **Etheridge, R., jun. l.c.**
(87, pl. II, figs. 33, 34).

Dentalium splendens n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24** (1903), 1904, (22-42).

Fulguraria sp. **Etheridge, R., jun.**
Pietermaritzburg, Rep. Geol. Surv. Nat.
Zulul., **1904**, (84, pl. III, figs. 12-13).

Fusus ? schrammeni n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Gyrodes sp. **Etheridge, R., jun.**
Pietermaritzburg, Rep. Geol. Surv. Nat.
Zulul., **1904**, (88, pl. II, fig. 32, pl. III,
fig. 1).

Littorina ? lubrica n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Natica sudetica n. sp. **Sturm, F.**
Berlin, Jahrb. geol. Landesanst., **21**,
1901, Abh. auss. st. Pers., (39-98).

Patella sp. **Etheridge, R., jun.** Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., **1904**, (86, pl. III, fig. 3).

Pleurotomaria weissermeli n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Pyropsis sp. **Etheridge**, R., jun. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., **1904**, (85, pl. III, figs. 10, 11).

Rapana gracillima n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Solarium sp. **Etheridge**, R., jun. Pietermaritzburg, Rep. Geol. Surv. Nat. Zulul., **1904**, (88, pl. III, figs. 35-37).

Trochus lüneburgensis n. sp. **Wollemann**, A. Berlin, Abh. geol. Landesanst., (N.F.), **H 37**, 1902, (129-111).

Tudicula beushauseni n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

—— *subcarinata* n. sp. **Sturm**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Zaria bonei Baily. **Etheridge**, R., jun. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (83, pl. II, figs. 28-31).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Actaeon camerunensis n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Apitoma bassi n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Astele millegranosa n. sp. **Pritchard**, G. B. l.c.

Bankivia hoicitti n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Bauzia spp. **Carlot**, A. J. conchyliol., Paris, **51**, 1903, (35-38).

Buccinum (? *Pseudoneptunea*) *choffati* n. sp.; *B.* (? *Strepsidura*) *blanckenhorni* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Calyptraea sigaretina n. sp. **Oppenheim**, P. l.c.

Cantharidus serratulus n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Clavella bulbodes Tate, *C. platystropha* n. sp. **Pritchard**, G. B. l.c.

Clavellofusus n. gen. et nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Clavilithes nn. spp. **Grabau**, A. W. l.c.

Collonia geelongensis n. sp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Columbella (? *Macrurella*) *subcarinata* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

—— *woodsii* nom. mut.; nn. spp. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Cosmolithes n. gen. (Genotype *Fusus uniplicatus* Lamarck), *C. subuniplicatus* n. sp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Crepidula nn. spp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam, Vol. 4.] New York, 1904, ([97]-122, with pl.).

Discolhelix grzybowskii n. sp. **Wójcik**, K. Kraków, Rozpr. Akad., **B. 43**, 1903, (489-569); deutsches Rés.; Krakow, Bull. Intern. Acad., **1903**, (798-809).

Eutrochus fontinalis. **Pritchard**, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (320-337, with 2 pls.).

Falsifusus n. gen. (Type *Fusus meyeri* Aldrich) (= *F. ottonis* Aldrich). **Grabau**, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Ficula sobria n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Fulgurofusus n. gen. (Genotype: *Fusus quercollis* Harris). **Grabau**, A.

W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Heilprinia n. gen. (Genotype *Fusus calocsaensis* Heilprin). Grabau, A. W. l.c.

Latirus incompletus n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Murex camerunensis n. sp. Oppenheim, P. l.c.

Natica nn. spp. Oppenheim, P. l.c.

Olivella zintgrafi n. sp. Oppenheim, P. l.c.

Pleurotoma (*Drillia*) *camerunensis* n. sp.; *P. iuriana* n. sp. Oppenheim, P. l.c.

Pleurotoma selwyni sp. n. var. *laevis* n. var.; nn. spp. Pritchard, G. B. Melbourne, Proc. R. Soc. Vict. (N. Ser.), 17, 1904, (320-337, with 2 pls.).

Pseudoliva nn. spp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Rhopalithes n. gen. et nn. spp. Grabau, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Sycum bulbiforme n. sp. Oppenheim, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Syrnola africana n. sp. Oppenheim, P. l.c.

Turritella eschi n. sp. Oppenheim, P. l.c.

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Actaeon calvertensis n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Amalthea marylandica n. sp. Martin, G. C. l.c.

Ancylus. Boettger, O. Zool. Anz., Leipzig, 27, 1904, (264-267).

Caecum nn. spp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Calliostoma nn. spp. Martin, G. C. l.c.

Calyptraea greenaboroensis n. sp. Martin, G. C. l.c.

Cancellaria nn. spp. Martin, G. C. l.c.

Cancellariella n. subgen. (of *Cancellaria*). Martin, G. C. l.c.

Cerithiopsis calvertensis n. sp. Martin, G. C. l.c.

Chrysodomus patuxentensis n. sp. Martin, G. C. l.c.

Cilanculus praeeruciatus n. sp. Michailovskij, G. P. St. Petersburg, Mem. Com. géolog., 1903, XIII, 4, (1-186); rés. allem., (187-311).

Columbella calvertensis n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Cylichna nn. spp. Martin, G. C. l.c.

Cyllene desnoyersi Bast. var. *turonica* n. var. Peyrot. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).

Drillia nn. spp. et nn. varr. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Ephora tricostrata n. sp. Martin, G. C. l.c.

Emarginula marylandica n. sp. Martin, G. C. l.c.

Eulimella (Anisocycla) marylandica n. sp. Martin, G. C. l.c.

Euthria guibei n. sp. Peyrot. Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).

Fusus nn. spp. Grabau, A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., 44, (No. 1417), 1904, (iii + 192, with pl.). 26.4 cm.

Goniobasis marylandica n. sp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Haliotis newillii n. sp. Bial de Bellerade. Bordeaux, Actes soc. linn., 58, 1903, (Pr. verb., CXCVI-CXCVIII).

Mangilia nn. spp. Martin, G. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (131-270, with pl.).

Mangilia duperrayi n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4),
33, 1903, (46-49, 53-56, 69-73).

Marginella calvertensis n. sp. **Martin**,
G. C. Maryland Geol. Surv. (Miocene),
Baltimore, **1904**, (131-270, with pl.).

Mitra mariana n. sp. **Martin**, G. C.
l.c.

Nassa nn. spp. **Martin**, G. C. l.c.

—— *miqueli* n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4), **33**,
1903, (46-49, 53-56, 69-73).

Odostomia nn. spp. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

Olivia harrisi n. sp. **Martin**, G. C.
l.c.

Pleurotoma (Hemipleurotoma) nn. spp.
et n. var. **Martin**, G. C. l.c.

Pyrrula harrisi n. sp. **Martin**, G. C.
l.c.

Retusa (Cylichnina) marylandica n. sp.
Martin, G. C. l.c.

Rissoa (Onoba) marylandica n. sp.
Martin, G. C. l.c.

Scala nn. spp. **Martin**, G. C. l.c.

Siphonalia nn. spp. **Martin**, G. C.
l.c.

Surcula mariana n. sp. **Martin**, G. C.
l.c.

Tectura pissaroi n. sp. **Peyrot**.
Feuille jeunes natural., Paris, (sér. 4),
33, 1903, (46-49, 53-56, 69-73).

Teinostoma nn. spp. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

Terebra (Acus) curvilineata nn. var.
T. (Hastula) patuxentia n. sp. **Martin**,
G. C. l.c.

Trophon chesapeakeanus n. sp., *T.*
tetricus var. *laevis* n. var. **Martin**, G. C.
l.c.

Turbonilla (Tragula) gubernatoria
n. sp. **Martin**, G. C. l.c.

Turritella sokolovi n. sp.
Michailovskij, G. P. St. Petersburg,
Mem. Com. géolog., 1903, **13**, 4, (1-186);
rés. allem., (187-311).

Volva iota nn. var. **Martin**, G. C.
Maryland Geol. Surv. (Miocene), Balti-
more, **1904**, (131-270, with pl.).

2231.95 PLEISTOCENE AND RECENT.

Helicina occulta. **Shimek**, B. Daven-
port, Iowa, Proc. Acad. Sci., **9**, 1904,
(173-180).

Succinea (Lucena) oblonga Drp.
Kormos, T. Állatt. Közlem., Budapest,
3, 1904, (184).

Vivipara. **Kennard**, A. S. and **Wood-
ward**, B. B. London, Proc. Malac. Soc.,
6, pt. 1, 1904, (66, 67).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Corbiculina n. sect. (Type *Corbicula
angasi* Prime). **Dall**, W. H. Washington,
D.C., Proc. Biol. Soc., **16**, 1903, (5-8).

Cyclocalyx n. sect. (Type *Pisidium
scholtzii* Prime). **Dall**, W. H. l.c.

Cymatocyclus n. subgen. (Type
Pisidium compressum Prime). **Dall**,
W. H. l.c.

Cyrenodonax n. sect. (Type *C. formo-
sana* Dall). **Dall**, W. H. l.c.

Lucina gigantea. **Lapparent**, de
Paris, C.-R. Acad. sci., **136**, 1903,
(1297-1298).

Miodontopsis n. nom. (= *Miodon*
Sandberger not Carpenter). **Dall**, W. H.
Washington, D.C., Proc. Biol. Soc., **16**,
1903, (5-8).

Tellinocyclus n. sect. (Type *Cyrena
tellinella* Deshayes). **Dall**, W. H. l.c.

Tropidocyclus n. subgen. (Type,
Pisidium henslowianum Sheppard).
Dall, W. H. l.c.

2231.50 LOWER PALAEOZOIC.

Anodontopsis wabashensis n. sp.
Kindle, E. M. and **Breger**, C. L.
Indiana, Rep. Dept. Geol. Nat. Res.,
Indianapolis, **28**, (1903), 1904, (428-486,
with pl.).

Conocardium nn. spp. **Kindle**, E. M.
and **Breger**, C. L. l.c.

Plethomytilus cuneatus n. sp. **Kindle**,
E. M. and **Breger**, C. L. l.c.

Streptomytilus n. gen. *S. wabaehensis* n. sp. **Kindle**, E. M. and **Breger**, C. L. l.c.

Whitella ? *siluriana* n. sp. **Kindle**, E. M. and **Breger**, C. L. l.c.

2231.55 UPPER PALAEOZOIC.

Actinopteria spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (266, pl. XXXII, fig. 9).

Anodontopsis ? *rudis* Sharp. **Reed**, F. R. C. l.c. (269).

Aviculopecten jonesii (McCoy, 1844, -Pecten). **Hind**, W. London, Monogr. Palaeont. Soc. 58, 1904, (129).

Bakewellia kingi n. nom. **Kittl**, E. Wien, Jahrb. Geol. Reichsanst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Bakewellia nikitovskensis n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (1-26); rés. allem. (27-44).

Buchiola retrostriata var. **Buch**, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Buchiola semiimpressa n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Byssopteria ? sp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (265, pl. XXXII, fig. 8).

Cardiomorpha campestris n. sp. **Reed**, F. R. C. l.c. (254, pl. XXXI, fig. 6).

Conocardium beushauseni n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

— *eboraceum* Hall, mut. *pygmaeum* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Cyrtodontarea n. gen. (*C. bakewellioides* n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (12); rés. allem. (27-44).

Edmondia nn. spp. **Hind**, W. London, Monogr. Palaeont. Soc. 58, 1904, (147, 149-151).

Eurydesma. **Koken**, E. Centralbl. Min. Stuttgart, 1904, (97-107).

Glossites aff. *depressus* Hall. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, (254, pl. XXXI, fig. 5).

Grammysia spp. **Reed**, F. R. C. l.c. (252, pl. XXXI, fig. 3).

Grammysia constricta Hall, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Leda inornata Sharp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (255).

Leda rotellata Conrad mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Limipecten n. gen. *L. texanus* n. sp. *L. texanus* var. *grandicoelatus* n. var. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 27, 1904, (721-736, with 3 pls.).

Macrodon naliukini n. sp. **Jakovlev**, N. St. Petersburg, Mém. Com. géolog., (nouv. sér.), Livr. 4, 1903, (1-26); rés. allem. (27-44).

Megambonia carbonifera n. sp. **Hind**, W. London, Monogr. Palaeont. Soc., 53, 1904, (133).

Modiola wrighti n. sp. **Hind**, W. l.c. (132).

Modiomorpha spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (267, 268, pl. XXXII, figs. 10, 11).

Myalina excentrica n. sp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).

Nothamusium n. gen. et nn. spp. **Hind**, W. London, Monogr., Palaeont. Soc., 53, 1904, (159-161).

Nucula lirata Conrad mut. *pygmaea* n. mut.; *N. corbuliformis* Hall, mut. *pygmaea* n. mut.; *N. varicosa* Hall, mut. *pygmaea* n. mut. **Loomis**, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Nuculites nn. spp. **Reed**, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (256-261, pls. XXXI-XXXII, figs. 1-3, 8-9a).

— *triqueter* Conrad, mut. *pygmaeus* n. mut.; *N. oblongatus* Con-

rad, mut. *pygmaeus* n. mut. *Loomis*, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Orthonota aff. *undulata* Conr. *Reed*, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (251, pl. XXXI, fig. 2).

Palaeolima buchiana (De Koninck, 1844—*Avicula*). *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (126).

Palaeoneilo spp. *P. subantiqua* n. sp. *Reed*, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (261-264, pl. XXXII, figs. 4-7).

— *plana* Hall, mut. *pygmaea* n. mut.; *P. constricta* Conrad mut. *pygmaea* n. mut. *Loomis*, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Paracyclas dunoyeri (Portlock, 1843—*Lucina*). *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (163).

Paracyclas lirata Conrad, mut. *pygmaea* n. mut. *Loomis*, F. B. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (892-920).

Parallelodon nn. spp.; sp. *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (135, 137-138).

Pleurophorella n. gen. *P. papillosa* n. sp. *Girty*, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (721-736, with 3 pls.).

Posidoniella sulcata n. sp. *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (134).

Praecardium? sp. *Reed*, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (255, pl. XXXI, fig. 7).

Promyalina n. gen. *P. hindi* n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Pterinopecten nn. spp. *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (128).

Sanguinolites sp. *Reed*, F. R. C. Cape Town, Ann. S. Afric. Mus., 4, 1904, (252, pl. XXXI, fig. 4).

— *bellerophonium* n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

— *monensis* n. sp. *Hind*, W. London, Monogr. Palaeont. Soc., 58, 1904, (155).

Schizodus obovatus (McCoy, 1844—*Azinus*). *Hind*, W. l.c. (143).

Spathella cylindrica (McCoy, 1844—*Cypriocardia*). *S. tumida* n. nom. *Hind*, W. l.c. (154, 155).

Streblopteria concentrica n. sp. *Hind*, W. l.c. (127).

2231.65 TRIASSIC.

Amonotis n. gen., *A. cancellaria* n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Arca tirolensis n. sp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Arcoptera nn. spp. *Broili*, F. l.c.

Arcoptera canaliculata n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Avicula nn. spp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

— *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Badiotella nn. spp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Cardiomorpha? *gymnitum* n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Cucullaea (? *Macrodon*) nn. spp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Gervillea nn. spp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Gervilleia bosniaca n. sp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Halobia nn. spp. *Kittl*, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Iloferia compressa n. sp. *Broili*, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Lima aequilateralis n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Lima zitteli n. sp. Broili, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Macrodon nn. spp. Broili, F. l.c.

Myoconcha nn. spp. Broili, F. l.c.

——— Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Myophoria acuticostata n. sp. Broili, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Mysidiopora nn. spp. Broili, F. l.c.

——— *glaberrima* n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53 (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Opis triptycha n. sp. Kittl, E. l.c.

Ostrea calceiformis n. sp. Broili, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Pachycardia alunulata n. sp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53 (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

——— *plieningeri* n. sp. Broili, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

Pecten nn. spp. Kittl, E. Wien, Jahrb. Geol. RchsAnst., 53 (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).

Prospendylus nn. spp. Broili, F. Palaeontographica, Stuttgart, 50, 1904, (145-227).

2231.70 JURASSIC.

Astarte nn. spp. Il'ovskiy, D. Moskva, Bull. Soc. Nat., 1903, (222-292).

——— Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Arlicula nn. spp. Scallia, S. l.c.

——— *huberti* n. sp. Hoyer. Centralbl. Min., Stuttgart, 1904, (385-389).

Cardium spp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Ctenostreon pectiniformis Schlotheim. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (306-335, with 4 pls.).

Inoceramus nn. spp. Fagel, K. Centralbl. Min., Stuttgart, 1904, (395-399).

——— *fuscus* Qn. Prinz, G. Földt. Évk., Budapest, 15, 1904, 119, mit Taf. I).

Inoceramya n. gen. *I. concentrica* n. sp. Ulrich, E. O. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, (123-146, with pl.).

Lima busambrensis sp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Macrodon nn. spp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

——— *parallelum* n. sp. Il'ovskiy, D. Moskva, Bull. Soc. Nat., 1903, (222-292).

Modiola tagliarini n. sp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Myoconcha grönlandica n. sp. Madsen, V. Kjöbenhavn, Medd. Grönl., 29, [1904], (157-210).

Mytilus boldacii n. sp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

——— *nikitiniensis* n. sp. Il'ovskiy, D. Moskva, Bull. Soc. Nat., 1903, (222-292).

Opis busambrensis n. sp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Pecten cinctus O. F. Müller. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (306-335, with 4 pls.).

Perna casalcensis n. sp. Scallia, S. Catania, Bull. Acc. Gioenia, 1903, (fasc. 76, 33-37, estr. 1-5).

Plicatula spp. Scallia, S. l.c.

2231.75 CRETACEOUS.

Arca algermissensis n. sp. Wolle-mann, A. Berlin, Jahrb. geol. Landes-anst., 24, (1903), 1904, (22-42).

Arca justinae n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

Aricula kienlingswaldensis n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cardium bullen-neutoni n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (78, pl. I, figs. 14-16).

Ceromya isocardioides n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cicatreia sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (81, pl. I, fig. 13).

Corbula sp. **Etheridge, R. jun. l.c.** (83, pl. II, figs. 26, 27).

Cucullaea deichmülleri n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Cytherea? kaffraria n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (81, pl. II, figs. 20-22).

Donax andersoni n. sp. **Etheridge, R., jun. l.c.** (82, pl. II, figs. 23-25).

Eriphyla, spp. Goldf. **Etheridge, R., jun. l.c.** (79, pl. I, figs. 20-21).

Exogyra sp. **Etheridge, R. jun. l.c.** (72, pl. II, figs. 3-6).

—— **Toula, F.** Wien, Jahrb. Geol. RchsAnst., **54**, 1904, (1-46, mit 3 Taf.).

Gervillia spp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (74, pl. II, figs. 11-12).

Goniomya nn. spp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (39-98).

Inoceramus nn. spp. **Pálffy, M.** Földt. Közl., Budapest, **33**, 1903, (445-451, 489-495).

Isocardia heintzeli n. sp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Latiarca? natalensis Baily. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (77, pl. I, figs. 10-12A).

(K-14700)

Leda levini n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Lima nn. spp. n. nom. **Woods, H.** London, Monogr. Palaeont. Soc., **58**, 1904, (4, 7, 22, 31, 37, 38, 51, 53).

Lima schmeisseri n. sp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Macra zulu n. sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (82, pl. II, figs. 17-19).

Melina andersoni n. sp. **Etheridge, R. jun. l.c.** (73, pl. II, figs. 7-10).

Mytilus sp. **Etheridge, R., jun. l.c.** (74, pl. I, fig. 7).

Neithea sp. **Etheridge, R., jun. l.c.** (73, pl. II, fig. 13).

Ostrea sp. **Etheridge, R., jun. l.c.** (72, pl. II, figs. 1-2).

Ostrea nn. spp. **Wollemann, A.** Berlin, Abh. geol. Landesanst., (N.F.) **H 37**, 1902, (129 + 111).

Panopaea nn. spp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. pers., (39-98).

Pecten barthi n. sp. **Wollemann, A.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (1-30).

Pinna sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (74).

Protocardium hillanum J. Son. var. *umkulanensis* n. var. **Etheridge, R., jun. l.c.** (79, pl. I fig. 6).

Pseudocucullara n. gen. et nn. spp. **Solger, F.** Berlin, Zs. D. geol. Ges., **55**, 1903, Protokolle, (76-83).

Sphaerulites dobrudschensis n. sp. **Toula, F.** Wien, Jahrb. Geol. RchsAnst., **54**, 1904, (1-46, mit 3 Taf.).

Tapes, sp. **Etheridge, R., jun.** Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., **1904**, (82, pl. I fig. 9).

Trigonarca umzambaniensis Baily. **Etheridge, R., jun. l.c.** (pl. I, figs. 1-5).

Trigonia glaciana n. sp. **Sturm, F.** Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. pers., (39-98).

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Trigonia umkulanensis n. sp. **Esch**, R., *Ann. Pietermaritzburg. Soc. Rep. Geol. Surv. Nat. Zulul.*, 1904, (76, pl. I, figs. 14-19).

Venus sudetica n. sp. **Sturm**, F., *Berlin. Jahrb. geol. Landesanst.*, 21, 1901, Abh. auss. st. Pers., (39-98).

2231.80 CAENOZOIC.

Chlamys nn. spp. **Ugolini**, R. *Riv. ital. paleont.*, Bologna, 9, 1903, (77-95).

Dicricella chipolana n. sp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Myrtæa limoniana n. sp. **Dall**, W. H. l.c.

Pecten nn. spp.; nn. varr. **Ugolini**, R. *Riv. ital. paleont.*, Bologna, 9, 1903, (77-95).

Phacoides (Parrilucina) piluliformis n. sp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

2231.85 LOWER CAENOZOIC (Eocene, Oligocene).

Anomalocardia nn. spp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Arca nn. spp. **Oppenheim**, P. [*In*: E. Esch. u. A., *Beiträge zur Geologie von Kamerun.*] Stuttgart, 1904, (243-285).

Astarte (Goodallia?) americana n. sp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Astarte nieschacensis n. sp. **Skrinnikov**, A. Varsava, *Izv. Univ.*, 1903, 1, (1-30).

Astarte wagneri n. sp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Callocardia (Agriopoma) nn. spp. **Dall**, W. H. l.c.

Cardita camerunensis n. sp. **Oppenheim**, P. [*In*: E. Esch u. A., *Beiträge zur Geologie von Kamerun.*] Stuttgart, 1904, (243-285).

Cardita (Carditamera) toges n. sp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cardium lensi n. sp. **Oppenheim**, P. [*In*: E. Esch u. A., *Beiträge zur Geologie von Kamerun.*] Stuttgart, 1904, (243-285).

Chama nn. spp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Chione (Chamelea) nn. spp. *Chione chipolana* n. sp. *Chione (Lirophora)* nn. spp. **Dall**, W. H. l.c.

Circe koseni n. sp. **Skrinnikov**, A. Varsava, *Izv. Univ.*, 1903, 1, (1-30).

Codakia nn. spp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Corbula nn. spp. **Oppenheim**, P. [*In*: E. Esch. u. A., *Beiträge zur Geologie von Kamerun.*] Stuttgart, 1904, (243-285).

Crassatellites (Crassinella) nn. spp. *Crassatellites (Scambula)* nn. spp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Cuspidaria (Boudenia) distira n. sp. **Dall**, W. H. l.c.

Cuspidaria (Cardiomya) craspedonia n. sp. **Dall**, W. H. l.c.

Cyathodonta nn. spp. **Dall**, W. H. l.c.

Cyclinella gatumensis n. sp. **Dall**, W. H. l.c.

Cyrena oblonga n. sp. **Skrinnikov**, A. Varsava, *Izv. Univ.*, 1903, 1, (1-30).

Cytherea nn. spp. **Oppenheim**, P. [*In*: E. Esch u. A., *Beiträge zur Geologie von Kamerun.*] Stuttgart, 1904, (243-285).

— nn. spp. **Dall**, W. H. Philadelphia, Pa., *Trans. Wagner Free Inst. Sci.*, 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Dosinia (Dosinidia) nn. spp. l.c.

Echinochama antiquata n. sp. **Dall**, W. H. l.c.

Gafrarium (*Gouldia*) nn. spp. **Dall**, W. H. l.c.

Grateloupia (*Cytheriopsis*) *alumensis* n. sp. **Dall**, W. H. l.c.

Leda substriatula n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Lirodiscus walesii n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Lucina. **Bonarelli**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (444-445).

Lucina nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Lucina camerunensis n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Macrocallista acuminata n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Macrocallista (*Chionella*?) *gilberti* n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Maetra? *rhomboidea* n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Mesodesma alaskensis n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Modiolus nn. spp. **Dall**, W. H. l.c.

Myrtæa (*Eulopia*) nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Nucula perkæo n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Ostrea choffati n. sp. **Oppenheim**, P. l.c.

(K-11700)

Pandora (*Kennerleyia*) *dodona* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Phacoides nn. spp. **Dall**, W. H. l.c.

Pitaria nn. spp. **Dall**, W. H. l.c.

Poromya jamaicensis n. sp. **Dall**, W. H. l.c.

Spheniopsis americana n. sp. **Dall**, W. H. l.c.

Spinula callistæformis n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Thracia scuriana n. sp. **Oppenheim**, P. [In: E. Esch u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (243-285).

Tirela jamaicensis n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Transennella nn. spp. **Dall**, W. H. l.c.

Tridacna. **Bonarelli**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (445).

Venericardia nn. spp.; *V. (Miodontiscus)* n. nom. (= *Miodon* Carpenter). **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Verticordia nn. spp. **Dall**, W. H. l.c.

Yoldia nn. spp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Abra marylandica n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274 + 401, with pl.).

Anomalocardia dupliniana n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

- Arca (Scapharca) elnia* n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Astarte* nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (271-401, with pl.).
- Atrina piscatoria* n. sp. **Glenn**, L. C. l.c.
- Bornia* nn. spp. **Glenn**, L. C. l.c.
- Callocardia (Agriopoma) prunensis* n. sp. **Glenn**, L. C. l.c.
- Callocardia* ? (*Pitaria*) *kineaidii* n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).
- Cardita (Carditamera)* nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Cardita chaylai* n. sp. **Meunier**, S. Naturaliste, Paris, (sér. 2), 25, 1903, (55-56).
- Cardium* nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Chama calocana* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Chione* nn. spp. **Dall**, W. H. l.c.
- Chione parkeria* n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Codakia (Jagonia) magnoliana* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Crassatellites (Crassinella)* nn. spp. **Dall**, W. H. l.c.
- Crenella* nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Cyrena (Pseudocyrena) dupliniana* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Cytherca willcoxi* n. sp. **Dall**, W. H. l.c.
- Dicarioella compea* n. sp. **Dall**, W. H. l.c.
- Dosinia* ? *alaskana* n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).
- Erycina* nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Erycinella (Carditopsis) bernardi* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Gemma* nn. spp. **Dall**, W. H. l.c.
- Isocardia* nn. spp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Kellia rotundula* n. sp. **Glenn**, L. C. l.c.
- Lithophaga ionensis* n. sp. **Glenn**, L. C. l.c.
- Lucina*. **Stefano** (Di), G. Catania, Atti Acc. Gioenia, (Ser. 4), 16, 1903, (1-71, con tav.).
- Lyonsia acuta* n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.
- Macoma marylandica* n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Mastra fragilis* n. sp. **Laskarev**, V. St. Peterburg, Mém. Com. géolog., (nouv. sér.), Livr. 5, 1903, (1-126); rés. allem. (127-148).
- Mesodesma mariana* n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (274-401, with pl.).
- Modiolaria curta* n. sp. **Glenn**, L. C. l.c.
- Modiolus* nn. spp. **Glenn**, L. C. l.c.
- Nucula degrangei* n. sp. **Peyrot**, Feuille jeunes natural., Paris, (sér. 4), 33, 1903, (46-49, 53-56, 69-73).
- Pandora (Kennerleya) grandis*. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., 1, 1902, (69).
- Pandora (Kennerleya)* nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., 3, 1903,

(i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Papyridae harrimani n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Pecten spp. **Crema**, C. Roma, Boll. Comitato geol., **34**, 1903, (47-54).

Pecten nn. spp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-186); rés. allem. (187-311).

Phacoides nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Pitaria nn. spp. **Dall**, W. H. *l.c.*

Protothaca greeningkii n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Psammobia gubernatoria n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Saxidomus popofianus n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Spisula (Hemimaestra) chesapeakeensis n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, 274-401, with pl.).

Sportella nn. spp. **Glenn**, L. C. *l.c.*

Tapes retuloides n. sp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-186); rés. allem. (187-311).

Thecodonta (Di-ranodesma) calvertensis n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Transennella nn. spp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Trochita alaskana n. sp. **Dall**, W. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([97]-122, with pl.).

Venericardia castrana n. sp. **Glenn**, L. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (274-401, with pl.).

Venericardia (Cyclocardia) californica n. sp. **Dall**, W. H. Philadelphia, Pa., Trans. Wagner Free Inst. Sci., **3**, 1903, (i-xiv + 1219-1654, with pl.). Separate. 28.5 cm.

Venus. **Dollfus**, G. F. J. conchyliol., Paris, **50**, 1902, (423-428).

Venus ukrainica n. sp. **Michailovskij**, G. P. St. Petersburg, Mém. Com. géolog., 1903, **13**, 4, (1-486); rés. allem. (187-311).

2231.95 *PLEISTOCENE AND RECENT.*

Astarte polaris nn. spp. **Dall**, W. H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **26**, 1903, (933-951, with 2 pls.).

Pisidium costatum n. sp. **Sterki**, V. Nautilus, Boston, Mass., **17**, 1903, (20-22).

Portlandia arctica Gray. **Syren**, P. A. Kristiania, Forh. Vid. selsk., No. **11**, 1903, (10).

AMPHINEURA.

2231.70 *JURASSIC.*

Chiton nn. spp. **SaMa**, S. Catania. Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-37, estr. 1-5).

2231.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE).*

Chertopleura apiculata. **Martin**, G. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (270-271, with pl.).

SCAPHOPODA.

2231.55 *UPPER PALAEOZOIC.*

Clavulites n. gen. *C. howardensis* n. sp. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (721-736, with 3 pls.).

Entalis nn. spp. **Kittl**, F. Wien, Jahrb. Geol. Reichsanst., **53**, 1903, 1904, (515-748, mit 3 Taf. und 1 Karte).

2231.70 JURASSIC.

Dentalium crystallinum n. sp. **Scalia**,
S. Catania, Bull. Acc. Gioenia, **1903**,
(fasc. 76, 33-37, estr. 1-5).

INCERTAE SEDIS.**2231.50 LOWER PALAEOZOIC.**

Clinactichnites. **Woodworth**, J. B.
Albany Univ., N.Y., Bull. St. Mus.,
No. 69, 1903, (959-966).

2231.70 JURASSIC.

Asterias spp. **Scalia**, S. Catania,
Bull. Acc. Gioenia, **1903**, (fasc. 76, 33-
37, estr. 1-5).

Trichotoma spp. **Scalia**, S. l.c.

**2231.90 UPPER CAENOZOIC
(MIOCENE PLIOCENE).**

Papyrotheca. **Rzehak**, A. Wien,
Verh. Geol. RchsAnst., **1903**, (258-259).

**2431 ARTHROPODA INCLUD-
ING INSECTA.****2431.55 UPPER PALAEOZOIC.**

Archoblattina n. nom. (= *Megablattina*
Sellards not Brongniart). **Sellards**,
E. H. Amer. J. Sci., New Haven, Conn.,
(Ser. 4), **15**, 1903, (488).

Etoblattina nn. spp. **Sellards**, E. H.
Amer. J. Sci., New Haven, Conn., (Ser.
4), **18**, 1904, (113-134, 213-227, with 1
pl. and text fig.).

Gerablattina arenata n. sp. **Sellards**,
E. H. Amer. J. Sci., New Haven, Conn.,
(Ser. 4), **18**, 1904, (213-227, with text
fig.).

Homoioptera gigantea. **Agnus**, A. N.
Naturaliste, Paris, (sér. 2), **25**, 1903,
(53-55).

Mylacris anceps n. sp. **Sellards**,
E. H. Amer. J. Sci., New Haven,
Conn., (Ser. 4), **18**, 1904, (113-134, with
1 pl. and text fig.).

Schizoblattina n. gen. *S. multinervia*
n. sp. **Sellards**, E. H. Amer. J. Sci.,
New Haven, Conn., (Ser. 4), **18**, 1904,
(213-227, with text fig.).

2431.70 JURASSIC.

Palaeontina vidali n. sp. **Meunier**,
Fernand. Un nouveau Cicadine du
Kiméridgien . . . Barcelona (A.
Lopez Robert), 1902, (6).

**2431.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).**

Stenoptera n. gen. *S. mufferi* n. sp.
Meunier, F. Nouvelles recherches
sur quelques Cecidomyidae . . .
Bruxelles (Polleunis et Ceuterick), 1901,
(23).

**2431.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Cyclonotum muelleri n. sp. **Meunier**,
F. Berlin, Jahrb. geol. Landesanst.,
21, 1901, Abh. auss. st. Pers., (31-38).

**2431.95 PLEISTOCENE AND
RECENT.**

Cicindela. **Wickham**, H. F. Amer.
Nat., Boston, Mass., **38**, 1904, (643-654).

Cyclonotum muelleri n. sp. **Meunier**,
F. Berlin, Jahrb. geol. Landesanst.,
21, 1901, Abh. auss. st. Pers., (31-38).

2631 CRUSTACEA.**2631.50 LOWER PALAEOZOIC.**

Aechmina jonesi n. sp. **Chapman**, F.
Melbourne, Proc. R. Soc. Vict., (N.
Ser.), **17**, 1904, (299-319, with 5 pls.).

Aparchites subovatus Jones. **Chapman**,
F. l.c.

Aptychopsis victoriac n. sp.
Chapman, F. l.c.

Argilloecia acuta Jones and Kirby.
Chapman, F. l.c.

Bythocypris spp. et var. **Chapman**, F.
l.c.

Ceratiocaris cf. murchisoni Ag. C.
pritchardi n. sp. Chapman, F. l.c.

Cypridina antiqua n. sp. Jones, T. R.
Geol. Mag., London (ser. 2), [5], 1, 1904,
(439).

Dithyrocaris praecox n. sp. Chapman,
F. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 17, 1904, (299-319, with
5 pls.).

Isocbilina labrosa Jones. Chapman,
F. l.c.

Macrocypris flexuosa n. sp. Chapman,
F. l.c.

Primitia spp. et var.; nn. spp. Chap-
man, F. l.c.

Xestoleberis nn. spp. et n. var. Chap-
man, F. l.c.

2631.55 UPPER PALAEOZOIC.

Entomis prosephina n. sp. Loomis,
F. B. Albany Univ., N.Y., Bull. St.
Mus., No. 69, 1903, (892-920).

2631.65 TRIASSIC.

Estheria. Walther, J. Centralbl.
Min. Stuttgart, 1904, (195).

2631.70 JURASSIC.

Archaeolepas neptunus n. sp. Scalia,
S. Catania, Bull. Acc. Gioenia, 1903,
(fasc. 76, 33-37, estr. 1-5).

Cythere n. sp. et nn. varr. Chapman,
F. Melbourne, Proc. R. Soc. Vict.,
(N. Ser.), 16, 1904, (185-206, with
2 pl.).

Cytheropteron australiense n. sp.
Chapman, F. l.c.

Loxoconcha nn. spp. Chapman, F.
l.c.

Paradoxorhyncha n. gen. *P. foveolata*
n. sp. Chapman, F. l.c.

Scalpellum crystallinum n. sp. Scalia,
S. Catania, Bull. Acc. Gioenia, 1903,
(fasc. 76, 33-37, estr. 1-5).

2631.75 CRETACEOUS.

Bythocypris simulata Brady. Chap-
man, F. Cape Town, Ann. S. Afric.
Mus., 4, 1904, (233, fig. 20).

Cythere drupacea Jones. Chapman, F.
l.c. (234).

Cythereis ornatissima Reuss. var. *reti-
culata* J. and H. Chapman, F. l.c.

Cytherella williamsoniana Jones.
Chapman, F. l.c. (236).

Cytheridea longicaudata n. sp. Chap-
man, F. l.c. (234, pl. XXIX, fig. 21).

Cytheropteron elongato-concentrum n.
sp. Chapman, F. l.c. (235, pl. XXIX,
figs. 23, 23A).

Macrocypris simplex Chapm. Chap-
man, F. l.c. (233, figs. 22, 22A, 22B).

2631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Microcystes n. gen. *M. latifrons* n. sp.
Lőrenthey, I. Math. Term. Ért., Buda-
pest, 22, 1904, (160-167).

2631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Balanus concavus. Martin, G. O.
Maryland Geol. Surv. (Miocene), Balti-
more, 1904, (94-97, with pl.).

Cancer bittneri n. sp. Toulia, F.
Wien, Jahrb. Geol. RchsAnst., 54, 1904,
(161-168).

Cancer frasi n. sp. Lőrenthey, I.
Math. Term. Ért., Budapest, 22, 1904,
(160-167).

Cythere nn. spp. et nn. varr. Ulrich,
E. O. and Bassler, R. S. Maryland
Geol. Surv. (Miocene), Baltimore, 1904,
(98-130, with pl.).

Cythereis n. sp. et n. var. Ulrich, E.
O. and Bassler, R. S. l.c.

Cytheridea nn. spp. Ulrich, E. O.
and Bassler, R. S. l.c.

Cytherideis nn. spp. Ulrich, E. O.
and Bassler, R. S. l.c.

Cytheropteron nodosum n. sp. Ulrich,
E. O. and Bassler, R. S. l.c.

Ebalia n. sp. Lőrenthey, I. Math.
Term. Ért., Budapest, 22, 1904, (160-
167).

Hepatinulus lovisatoi n. sp. Lőren-
they, I. l.c.

Lambropsis n. gen. *L. vanneri* n. sp. **Lörenthey, I. l.c.**

Lobocarcinus n. sp. ? **Lörenthey, I. l.c.**

Micromaja laetis n. sp. **Lörenthey, I. l.c.**

Pagurus mezi n. sp. **Lörenthey, I. l.c.**

Plagiolophus markgrafi n. sp. **Lörenthey, I. l.c.**

Typilobus trispinosus n. sp. **Lörenthey, I. l.c.**

Encrinurus indianensis n. sp. **Kindle, E. M. and Bruger, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, 28, (1903), 1904, (428-486, with pl.).**

multisegmentatus. **Reed, F. R. C. Geol. Mag., London, (ser. 2) [5], 1, 1904, (387).**

Eurypterus pittsfordensis n. sp. **Searle, C. J. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1080-1108, with 21 pls.).**

Hughmilleria n. gen. n. sp. et n. var. **Searle, C. J. l.c.**

Iliaenus nn. spp. **Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (68).**

Linostracina n. gen. *L. kraussi* n. sp. **Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).**

Phacops robertsi n. sp.; spp. **Reed, F. R. C. Geol. Mag., London, (ser. 2) [5], 1, 1904, (106, 383-388).**

Proetus pseudolatifrons n. sp.; 1 sp. **Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (76, 78).**

Pterygotus monroensis n. sp. **Searle, C. J. Albany Univ., N.Y., Bull. St. Mus., No. 69, 1903, (1080-1108, with 21 pls.).**

Stephanocare n. gen. *S. richthofeni* n. sp. **Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).**

Teinistion n. gen. et nn. spp. **Monke, H. l.c.**

2831.95 PLEISTOCENE AND RECENT.

Calappa lophos Herbst. **Man, J. G. de. Leiden, Samml. Geol. Reichsmus., (Ser. 1), 7, [1904], (254-278, mit 2 Taf.).**

Macrophthalmus granulatus n. sp. **Man, J. G. de. l.c.**

Metopoxantho n. gen. *M. martini* n. sp. **Man, J. G. de. l.c.**

Myra sp. **Man, J. G. de. l.c.**

Podophthalmus cigil Fabr. **Man, J. G. de. l.c.**

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

2831.50 LOWER PALAEOZOIC.

Agnostus gibbus Linns. var. *schetzii* n. var. **Brogger, W. C. Norges geol. Und., Kristiania, 35, 1903, (3).**

Agnostus koerferi n. sp. **Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).**

Bronteopsis ardmillanensis n. sp. **Reed, F. R. C. London, Monogr. Palaeont. Soc., 58, 1904, (92).**

Bronteus grayi n. sp. *B. craigensis* n. nom. **Reed, F. R. C. l.c. (89, 90).**

Drepanura kettleri n. sp. **Monke, H. Berlin, Jahrb. geol. Landesanst., 23, (1902), 1903, (103-151).**

2831.55 UPPER PALAEOZOIC.

Dalmanites lunatus n. sp. **Lake, P. Cape Town, Ann. S. Afric. Mus., 4, 1904, (212, pl. XXV, fig. 6).**

Homalonotus nn. spp. **Lake, P. l.c. (214, 216, pl. XXVI, XXVII, figs. 1-3).**

Phacops nn. spp. **Drevermann, F. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (99-207).**

nn. spp.; spp. **Lake, P. Cape Town, Ann. S. Afric. Mus., 4, 1904, (203, 205, 207, 209, 210, 213).**

Phillipsia bittneri n. sp. **Kittel, E. Wien, Jahrb. Geol. RchsAnst., 53, (1903), 1904, (515-748, mit 3 Taf. und 1 Karte).**

Presturichia signata n. sp. **Beecher**, C. E. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (23-24, with text fig.).

Proetus? nn. spp. **Drevermann**, F. Berlin, Jahrb. geol. Landesanst., **21**, 1901, Abh. auss. st. Pers., (99-207).

Typhloniscus bainii Salt. **Lake**, F. Cape Town, Ann. S. Afric. Mus., **4**, 1904, (213, pl. XXV, figs. 8, 9).

3031 ARACHNIDA.

3031.55 UPPER PALAEOZOIC.

Eoscorpiscus sparthensis n. sp. **Baldwin**, W. Manchester, Trans. Geol. Soc., **28**, pt. 17, 1904, (525).

— n. sp. **Baldwin**, W. and **Sutcliffe**, W. H. London, Q. J. Geol. Soc., **60**, 1904, (394-399, with figs.).

5231 VERTEBRATA.

5231.95 PLEISTOCENE AND RECENT.

Ursus spelaeus. **Klaatsch**, [H.] Zs. Ethn., Berlin, **36**, 1904, (117-119).

5431 PISCES.

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Fajumia n. gen. *F. schuëcinfurthi* n. sp. **Stromer**, E. N. Jahrb. Min., Stuttgart, **1904**, **1**, (1-7).

Socnopaea n. gen. *S. grandis* n. sp. **Stromer**, E. l.c.

5431.50 LOWER PALAEOZOIC.

Tremataspis. **Jaekel**, Otto. Berlin, Zs. D. geol. Ges., **55**, Protokolle, 1903, (84-93).

5431.55 UPPER PALAEOZOIC.

Bothriolepis coloradensis n. sp. Colorado. **Eastman**, C. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (253-260, with text fig.).

Cephalaspis spp. Ray Lank. **Niedzwiedski**, J. Kosmos, Lwów, **28**, 1903, (564-565).

Coelacanthus summiti n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (71).

Edestus triserratus n. sp. **Newton**, E. T. London, Q. J. Geol. Soc., **60**, 1904, (6).

Elonichthys ornatus n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (75).

Gyracanthides n. gen. **Woodward**, A. S. London, Rep. Brit. Ass., **1903**-(04), (662).

Pteraspis crouchi Lankester. **Leriche**, M. Lille, Ann. soc. géol., **32**, 1903, (161-174, av. 2 pl.).

Rhadinichthys elegans n. sp. **Wellburn**, E. D. Yorks. Proc. Geol. Polyt. Soc., **15**, pt. 1, [1904], (72).

Rhynchodus pertenuis n. sp. **Eastman**, C. R. Amer. Nat., Boston, Mass., **38**, 1904, (295-299).

5431.65 TRIASSIC.

Nephrotus chorzoviensis. **Scupin**, H. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (465-474).

5431.75 CRETACEOUS.

Elopopsis smith-woodwardi n. sp. **Bayer**, F. Wien, Verh. Geol. Rchs-Anst., **1903**, (267-275).

Hoplopteryx brevis n. sp. **Bayer**, F. l.c.

Ischyodus bohemicus. **Bayer**, F. l.c.

Otolithus (Sparidarium?) coffea n. sp. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22-42).

Parelops n. gen. *P. prazakii* n. sp. **Bayer**, F. Wien, Verh. Geol. Rchs Anst., **1903**, (267-275).

Ptychochius. **Woodward**, A. S. London, Q. J. Geol. Soc., **60**, 1904, (133-136).

Schizospondylus n. gen. *S. dubius* n. sp. **Bayer**, F. Wien, Verh. Geol. RchsAnst., **1903**, (267-275).

Serranus crotaceus n. sp. Bayer, F. l.c.

Tachynectes rinarensis n. sp. Bayer, F. l.c.

5431.80 MESOZOIC (SECONDARY).

Torpedo hilgendorfi n. sp. Jaekel, O. [In: E. Esch. u. A., Beiträge zur Geologie von Kamerun.] Stuttgart, 1904, (287-291).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acanthias geelongensis n.sp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Asteracanthus eocaenicus Tate. Chapman, F. and Pritchard, G. B. l.c.

Caranz petrodavas n. sp. Simionescu, J. Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Carcharias acutus Ag. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Carcharodon spp. Chapman, F. and Pritchard, G. B. l.c.

Cestracion cainozoicus n. sp. Chapman, F. and Pritchard, G. B. l.c.

Galeocerdo davisii nom. mut.; spp. Chapman, F. and Pritchard, G. B. l.c.

Gobius elongatus n. sp. Simionescu, J. Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Krambergeria n. gen. *K. lanceolata* n. sp. Simionescu, J. Wien, Verh. Geol. RchsAnst., 1904, (147-149).

Lamna spp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Notidanus jenningsi n. sp. Chapman, P. and Pritchard, G. B. l.c.

Odontaspis spp. Chapman, F. and Pritchard, G. B. l.c.

Oxyrhina spp. Chapman, F. and Pritchard, G. B. l.c.

Pycnodus n. sp.? Koch, A. Földt. Közl., Budapest, 34, 1904, (334-335, 367-368).

Sphyrasnodus cf. priacus Ag. Koch, A. Földt. Közl., Budapest, 34, 1904, (332-333, 365-366).

Sphyrna priaca Ag. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Syngnathus cosmovicii n. sp. Simionescu, J. Wien, Verh. Geol. RchsAnst., 1904, (147-149).

5431.90 UPPER CAENOZOIC (MIOCENE, PLEISTOCENE).

Acanthias geelongensis n. sp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Asteracanthus eocaenicus Tate. Chapman, F. and Pritchard, G. B. l.c.

Brosimius stroesmayeri Kramb. Koch, A. Budapest, Ann. Hist. Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Carcharias spp. Koch, A. Földt. Közl., Budapest, 34, 1904, (193, 263, 264).

——— nn. spp. Eastman, C. R. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (71-93).

——— *acutus* Ag. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Carcharodon spp. Chapman, F. and Pritchard, G. B. l.c.

——— *humilis* n. sp.; spp. Koch, A. Földt. Közl., Budapest, 34, 1904, (193-195, 264-266, Taf. I).

Cestracion cainozoicus n. sp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Diplomystus marmorensis n. sp. Woodward, A. S. [In: Newton, R. B.] London, G. J. Geol. Soc., 60, 1904, (284).

Gadus (Merlangus) panonicus n. sp. Koch, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Galeocerdo davisii nom. mut.; spp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

——— cf. *latidens* Ag. Koch, A. Földt. Közl., Budapest, 34, 1904, (192, 263).

——— *triqueter* n. sp. (ex Cope M.S.). Eastman, C. R. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (71-93).

Gyrodon sp.? Koch, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Hemipristis serra Ag. Koch, A. Földt. Közl., Budapest, 34, 1904, (193, 263).

Lamna spp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

——— (*Odontaspis*) *macrola* Ag. var. *hungarica* n. var.; spp. Koch, A. Földt. Közl., Budapest, 34, 1904, (195, 266).

Lates pliocaenus n. sp. Koch, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Myliobatis frangens n. sp. Eastman, C. R. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (71-93).

Notidanus primigenius Ag. n. var., *N. diffusidens* n. form. Koch, A. Földt. Közl., Budapest, 34, 1904, (192, 202, 203, 262, 271).

Notidanus jenningsi n. sp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Odontaspis spp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Otodus cf. *apiculatus* Ag. Koch, A. Földt. Közl., Budapest, 34, 1904, (196, 266-267, Taf. 1).

Oxyrhina spp. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

——— spp. Koch, A. Földt. Közl., Budapest, 34, 1904, (196, 267).

Serranus Cuv. sp. Koch, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Smerdis cf. *macrurus* Ag. Koch, A. Földt. Közl., Budapest, 34, 1904, (333-334, 366-367).

Sparoides umbonatus (Münst.) Probst. sp. cf. *sphaericus* Probst. Koch, A. Földt. Közl., Budapest, 34, 1904, (197, 268).

Sphyraenodus hexagonalis n. sp. Koch, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., 2, 1904, (1-72).

Sphyrna prisca Ag. Chapman, F. and Pritchard, G. B. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1904, (267-297, with 2 pls.).

Squatina occidentalis n. sp. Eastman, C. R. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (71-93).

5631 REPTILIA AND BATRACHIA.

5631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Mesosaurus tenuidens P. Gervais. Vaillant, L. Paris, C.-R. Acad. sci., 136, 1903, (1286-1287).

5631.55 UPPER PALAEOZOIC.

Aspidosaurus n. gen. *A. chiton* n. sp. Broili, F. Palaeontographica, Stuttgart, 51, 1904, (1-120).

Cardiocephalus n. gen. *C. sternbergi* n. sp. Broili, F. l.c.

Diplocaulus nn. spp. Broili, F. l.c.

Gephyrostegus n. gen. *G. bohemicus* n. sp. Jaekel, O. Berlin, Zs. D. geol. Ges., 54, 1902, Protokolle, (127-132).

Mesosaurus. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (103-112, pl. IX).

Seymouria n. gen. *S. baylorensis* n. sp. Broili, F. Palaeontographica, Stuttgart, 51, 1904, (1-120).

Varanosaurus n. gen. *V. acutirostris* n. sp. Broili, F. l.c.

5631.65 TRIASSIC.

Aphaneramma n. gen. *A. rostratum* n. sp. Woodward, A. S. London, Proc. Zool. Soc., 1904, II, (170-173).

Capitosaurus stantonensis n. sp. Woodward, A. S. l.c.

Cynognathus spp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (82, 84).

Glanosuchus n. gen., *G. macrops* n. sp. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (85).

Gomphognathus kannemeyeri. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (85).

Metoposaurus fraasi n. sp. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (193-195, with pl.).

Opisthoctenodon n. gen., *O. agilis* n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (69-73).

Oudenodon megalorhinus n. sp. Broom, R. l.c. (180-181).

Oudenodon trigoniceps n. sp. Broom, R. l.c. (73-75).

Placerias n. gen., *P. hesperus* n. sp. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1904, (193-195, with pl.).

Priestognathus n. gen., *P. baini* n. sp. Broom, R. Cape Town, Trans. S. Afric. Phil. Soc., 15, 1904, (87).

Procolophon. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (88).

Prodicynodon n. gen., *P. pearsonensis* n. sp. Broom, R. l.c. (69-73).

Ptychocynodon n. gen., *P. pentangulatus* n. sp. Seeley, H. G. Ann. Mag. Nat. Hist., London, 14, pt. 7, 1904, (290).

Scapanodon n. gen., *S. duplessisi* n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (182).

Stegomus longipes n. sp. Emerson, B. K. and Loomis, F. B. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (377-380, with pl.).

——— Lull, R. S. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (381-382, with text fig.).

Tamboeria n. gen., *T. maraisi* n. sp. Seeley, H. G. Ann. Mag. Nat. Hist., London, 14, pt. 7, 1904, (336).

Telerpeton elginense. Boulenger, G. A. London, Proc. Zool. Soc., 1904, 1, (470-480).

Trirachodon kannemeyeri. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (86).

5631.70 JURASSIC.

Dystrophaeus ciae malae. Hensel, F. von. N. Jahrb. Min., Stuttgart, Beilage, 19, 1904, (319-333).

Ichthyosaurus extremus n. sp. Boulenger, G. A. London, Proc. Zool. Soc., (Abs. 1904, No. 5, (18), 1904, 1, (424); abstract, ib., 1904, No. 5, (18).

Notochampsia n. gen., *N. istedana* n. sp. Broom, R. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (582).

Ophthalmosaurus. Fraas, E. Kjöbenhavn, Medd. Grönl., 29, 1904, (277-285).

Plesiosaurus. Gwynnall, W. F. London, Q. J. Geol. Soc., 60, 1904, (359).

Thalassermys marina. Fraas, E. Stuttgart, Jahreshfte Ver. Natk., 59, 1903, (72-104).

5631.75 CRETACEOUS.

Adocus. Wieland, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (112-132).

Algoasaurus n. gen. *A. bauri* n. sp. Broom, R. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (445).

Aspidereetes beecheri Hay (= *Trionyx foreatus* G. Baur, not of Leidy.). Hay, O. P. Pittsburg, Pa., Ann. Carnegie Mus., 3, 1904, (178-182, with text fig.).

Baëna callosa n. sp. Montana. Hay, O. P. l.c. (178-182, with text fig.).

——— *hatcheri* n. sp. Hay, O. P. l.c. 1, 1901, (325-326).

Cyclotosaurus albertyni n. sp. Broom, R. Grahamstown, Cape Colony, Rec. Albany Mus., 1, 1904, (180).

Lytoloma. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (183-196, with text fig. and 4 pls.).

Mochlodon. **Nopcsa**, Franz Baron. Wien, Denkschr. Ak. Wiss., **74**, 1904, (229-263, mit 2 Taf.).

Osteopygis gibbi n. sp. **Wieland**, G. R. Amer. J. Sci., New Haven, Conn., (Ser. 4), **17**, 1904, (112-132).

Propleura borealis n. sp. **Wieland**, G. R. l.c.

Pteranodon. **Eaton**, G. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), **17**, 1904, (318-320, with 2 pls.).

Trachodon annectens. **Lucas**, F. A. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **45**, 1904, (317-320).

5631.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Aspideretes beecheri n. sp. **Hay**, O. P. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (261-276, with text fig.).

Baëna nn. spp. **Hay**, O. P. l.c.

Chrysomys inornata n. sp. **Loomis**, F. B. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (427-432, with text fig.).

Crocodylus prenasalis n. sp. **Loomis**, F. B. l.c.

Dyrosaurus phosphaticus Thomas. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Emys curieri. **Stefano (De)**, G. Roma, Boll. Soc. zool. ital., **11**, 1902, (37-68).

Gastachelys phosphatica n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Hadrianus majusculus n. sp. **Hay**, O. P. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (261-276, with text fig.).

Pliosaurus? phosphaticus n. sp. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

Testudo ammon. **Andrews**, C. W. Geol. Mag., London, (Ser. 2), [5], **1**, 1904, (527-530).

Thalassochelys phosphatica. **Stefano (De)**, G. Roma, Boll. Soc. geol. ital., **22**, 1903, (51-80).

5631.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Chrysomys. **Stefano (De)**, G. Boll. Naturalista, Siena, **23**, 1903, (57-59).

Clemmys guntiana n. sp. **Roger**, O. Augsburg, Ber. natw. Ver., **35**, 1902, (44, pls. ii, iii, figs. 1-3, 5-9).

Nicoria. **Stefano (De)**, G. Riv. ital. sc. nat., Siena, **23**, 1903, (66-68).

Ophisaurus ulmensis n. sp. **Gerhardt**, K. Stuttgart, Jahreshefte Ver. Natk., **59**, 1903, (67-71).

Platyomys lachati Sauvage. **Stefano (De)**, G. Boll. Naturalista, Siena, **23**, 1903, (57-59).

Ptychogaster miocenici. **Stefano (De)**, G. Paleontogr. Italica, Pisa, **9**, 1903, (61-94 con. tav.).

Ptychogaster reinachi n. sp. **Roger**, O. Augsburg, Ber. natw. Ver., **35**, 1902, (42, pl. 1, fig. 9).

Rana danubina H. v. Meyer var. *rara*. **Fraas**, E. Stuttgart, Jahreshefte Ver. Natk., **59**, 1903, (105-110).

Testudo symniensis n. sp. **Koch**, A. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2**, 1904, (1-72).

5831 AVES.

5831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Eremopezus n. gen. *E. evacaenus* n. sp. **Andrews**, C. W. London, Proc. Zool. Soc., **1904**, I, (183).

Mullerornis betsilei. **Andrews**, C. W. l.c. (163-171).

5831.95 PLEISTOCENE AND RECENT.

Aepyornis. **Grandidier**, G. Paris, C.-R. Acad. sci., **137**, 1903, (208-211).

Didus ineptus. **Newton** A. Nature, London, **70**, 1904, (626).

Eremopezus n. gen., *E. coenurus* n. sp. Andrews, C. W. London, Proc. Zool. Soc. 1904, 1, (163).

Mullerornis betsilei. Andrews, C. W. l.c. (163-171).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Camelus. Lydekker, R. Knowledge, London, 1904, (25-28).

Elephas. Andrews, C. W. Ealing, Rep. Nat. Sci. Soc., 1903-4, (1904), (3-5).

Salensky, W. Biol. Centralbl., Leipzig, 23, 1903, (793-803).

Woodward, A. S. Knowledge, London, 1904, (11-14).

Equus. Cocksall, T. D. A. Nature, London, 70, 1904, (53-54).

Ewart, J. Cossar. Nature, London, 69, 1904, (590-596).

Lydekker, R. Knowledge, London, 1904, (16-19, with figs.).

Homo sapiens. Schwalbe, G. Die Vorgeschichte des Menschen. Braunschweig (F. Vieweg & S.), 1904, (52, mit 1 Taf.).

Mesopiodon hectori. Anderson, R. J. Irish Nat., Dublin, 1904, (126, 127, figs.).

6031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Anthracotherium magnum. Major, C. I. F. London, Proc. Zool. Soc., 1904, 1, (456-458).

Archaeopteropus transiens n. sp. Meschinelli, L. Venezia, Atti Ist. ven., (Ser. 8), 5, 1903, (1329, pl. IX).

Geniohyus n. gen. et nn. spp. Andrews, C. W. Geol. Mag., London, (ser. 2), [5], 1, 1904, (160).

Hemiacodon pygmaeus n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (133-140, with text fig.).

Hypopodius nn. spp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (185, 187, 188).

Megalohyrax minor n. sp. Andrews, C. W. Geol. Mag., London, (ser. 2) [5], 1, 1904, (213).

Metacheiromys n. gen. *M. ussaki* n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 16, 1903, (347).

Microsyrax schlosseri n. sp. Wortman, J. L. l.c. (345-368, with 2 pls.).

Moeritherium trigodon n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (112).

Notharctus tentaculus n. sp. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (195).

Olbodotes n. gen. *O. copei* n. sp. Osborn, H. F. l.c. (205).

Omomyx ameghini n. sp. Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 17, 1904, (133-140, with text fig.).

Palaeomastodon minor n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2), [5], 1, 1904, (115).

Proglirius n. subord. Osborn, H. F. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 16, 1902, (203).

Protocetus n. gen. *P. atarus* n. sp. Fraas, E. Geol. u. paläont. Abh., Jena, 10, (N.F. 6), 1904, (199-220).

Pterodon macrognathus n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (211).

Ronzotherium reichenauai n. sp. Deninger, K. Berlin, Zs. D. geol. Ges., 55, 1903, Aufsätze, (93-97).

Sagatherium magnum n. sp. Andrews, C. W. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (214).

Smilodectes n. gen. (Type *Hypopodius gracilis* Marsh). Wortman, J. L. Amer. J. Sci., New Haven, Conn., (Ser. 4), 16, 1903, (345-368, with 2 pls.).

Zenlodon isis n. sp. Andrews, C. W. (ex Beudnell MS.) Geol. Mag., London, (ser. 2) [5], 1, 1904, (214).

**6031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).**

Cyrtodelphis sulcatus. **Piaz** (Dal), G. Paleontogr. Italica, Pisa, **9**, 1903, (187).

Delphinus sp. **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (198, 269).

Elephas. Michigan, Rep. Geol. Surv., Lansing, **1901**, 1902, (252-253).

Elephas primigenius. **Flores**, E. Roma, Boll. Soc. geol. ital., **22**, 1903, (348-360).

Eotherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Eurhinodelphis. **Abel**, O. Mém. Mus. Belgique, Bruxelles, **2**, 1902, (101).

Felsinotherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Gazella brevicornis Roth und Wagner. **Simionescu**, J. Wien, Verh. Geol. RchsAnst., **1904**, (70-73).

Halicore. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Halitherium. **Abel**, O. l.c.

Halitherium sp. (aff. *Schinzi*, Knup.) **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (198-199, 269-270, Taf. 1.).

Homo. **Schmidt**, E. Globus, Braunschweig, **34**, 1903, (288-289).

Manatus. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

———— **Schafarsik**, F. Földt. Közl., Budapest, **34**, 1904, (64, 183-184).

———— **Simionescu**, J. Wien, Verh. Geol. RchsAnst., **1904**, (70-73).

Mastodon arvernensis. **Blanckenhorn**, Max. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (364-371).

Mesocetus ? hungaricus Kadić. **Roth**, L. et alii. Földt. Közl., Budapest, **34**, 1904, (216-232, 278-295).

Metaxytherium. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Palaeomeryx sp. (aff. *Dremotherium* Feignoux, Geoffr.). **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (201, 272, Taf. I.).

Priscodephinius ? craseangulum n. sp. **Case**, E. C. Maryland Geol. Surv. (Miocene), Baltimore, **1904**, (3-58, with pl.).

Protophippus. **Pavlov**, M. Moskva, Bull. Soc. Nat., **1903**, (173-182).

Rhinoceros. **Bortolotti**, C. Riv. ital. paleont., Bologna, **9**, 1903, (50-55, con tav.).

Rhinoceros sp. (*Aceratherium* ?) **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (201, 272).

Rhytina. **Abel**, O. Wien, Abh. Geol. RchsAnst., **19**, Heft 2, 1904, (VI + 223, mit 7 Taf.).

Squalodon. **Capellini**, G. Bologna, Mem. Acc. sc., (Ser. 5), **10**, 1903, (437-445, estr. 1-12, con tav.).

———— cf. *ehrlichi* van Ben. **Koch**, A. Földt. Közl., Budapest, **34**, 1904, (199-200, 270-272, Taf. I.).

**6031.95 PLEISTOCENE AND
RECENT.**

Aceratherium. **Woldrich**, J. N. Prag, Věstn. Česke Ak. Frant. Jos., **10**, 1901, (189-192).

Bos namadicus Falconer. **Pilgrim**, G. E. Rec. Geol. Surv. Ind., Calcutta, **31**, 3, 1904, (176-177).

Cervus. **Scharff**, R. F. Irish Nat., Dublin, **1904**, (98, 99).

Elephas. Michigan, Rep. Geol. Surv., Lansing, **1901**, 1902, (252-253).

———— *antiquus*. **Dawkins**, W. B. Manchester, Mem. Lit. Phil. Soc., **48**, pt. 3, No. xviii, 1904, (1-4); Manchester, Owens Coll. Handb., Publ., No. 51 (Manchester, Notes Mus. No. 17), 1904, (1-4).

———— *cypriotes*. **Bate**, D. M. A. London, Phil. Trans. R. Soc., **B 197**, 1904, (347-360).

———— *meridionalis*. **Fisher**, O. Geol. Mag., London, (Ser. 2) [5], **1**, 1904, (621).

———— *primigenius*. **Stingelin**, T. Basel, Abh. Schweiz. Pal. Ges., No. 5, **29**, 1902, (9, mit 2 Taf. u. 1 Fig.).

- Elephas primigenius*. Stübelin, T. Ueber ein im Museum zu Olten aufgestelltes Kränium von *Elephas primigenius* Blumenbach. Zürich (Zürcher und Turrer), 1902, (II + 10).
- Strübin, K. Liestal, Tätigkeitsb. Natf. Ges., 1902–03, 1904, (88).
- Troll, O. R. von. Wien, Verh. Geol. RchsAnst., 1904, (234).
- Felis*. Sheppard, T. Naturalist, London, 1904, (102–104, with fig.).
- Foetorius etersmanni* Less. Nehring, A. Centralbl. Min., Stuttgart, 1904, (13–14).
- Halicore*. Lorenz, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).
- Homo*. Koenen, C. Bonn, SitzBer. Ges. Natk., 1903, 1904, naturw. Sektion, (63–73).
- Koenen, C. Bonn, SitzBer. Ges. Natk., 1903, naturw. Sektion, (19–38).
- Rauff, H. Bonn, SitzBer. Ges. Natk., 1903, 1904, naturw. Sektion, (87–101).
- Rauff, H. Bonn, SitzBer. Ges. Natk., 1903, naturw. Sektion, (38–48).
- *sapiens*. Davies, H. N. London, Q. J. Geol. Soc., 60, 1904, (335–348).
- Kadić, O. Pótf. Term. Közl., Budapest, 36, 1904, (30–37, mit 7 Fig.).
- Krepina*. Terra, Max de. Schweiz. Vierteljahrschr. Zahnheilk., Zürich, 13, 1903, Deutscher Teil, (11–31, 72–94).
- Lepus europaeus*. Major, C. I. F. Geol. Mag., London, (ser. 2), [5], 1, 1904, (143).
- Lutreola macrodon* n. sp. Prentiss, D. W. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 28, 1903, (887–888, with text fig.). Separate. 24.5 cm.
- Manatus*. Lorenz, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).
- Mastodon*. Walther, J. Berlin, Jahrb. geol. Landesanst., 21, 1901, Abh. auss. st. Pers., (212–221).
- Megaceros*. Scharff, R. F. Irish Nat., Dublin, 1904, (98, 99).
- Rhinoceros*. Schroeder, H. Berlin, Abh. geol. Landesanst., (N.F.), 18, 1903, (143).
- Rhinoceros arrhorhinus*. Rausenberger, J. Hanau, Ber. Ges. Natk., 1899–1903, 1903, (48–52).
- Rhytina*. Lorenz, L. R. Wien, Abh. Geol. RchsAnst., 19, Heft 3, 1904, (I + 11, mit 2 Taf.).
- Trichechus*. Sheppard, T. Hull Mus. Publ., 22, 1904, (24).
- Ursus*. Scharff, R. F. Irish Nat., Dublin, 1904, (30).
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- Sheppard, T. Naturalist, London, 1904, (142, 143, with fig.).
- Ursus spelaeus*. Flores, E. Riv. ital. paleont., Bologna, 9, 1903, (10–11).

LIST OF NEW GENERA AND SPECIES.

0431 PROTOZOA.

BIGENERINA [Foraminifera].

- *leonhardi*. Volz, W. 2711.
 ——— *milchi*. Volz, W. 2711.
 ——— *sumatrana*. Volz, W. 2711.
 ——— *ucysogorskyi*. Volz, W. 2711.

BILOCULINA [Foraminifera].

- *paradoxa*. Wójcik, K. 2740.

BULIMINA [Foraminifera].

- *gregorii*. Chapman, F. 2172.
 ——— *trigona* var. *inornata* n. var. Chapman, F. 2171.
 ——— *trigonula* n. nom. Chapman, F. 2171.

CANNARTISCUS [Radiolaria].

- *marylandicus*. Martin, G. C. 2444.

CRISTELLARIA [Foraminifera].

- *costata* var. *compressa* n. var. Chapman, F. 2172.
 ——— *costata* var. *seminuda* n. var. Chapman, F. 2172.
 ——— *daintreei*. Chapman, F. 2172.
 ——— *granulataeformis*. Wójcik, K. 2740.
 ——— *kubinyiformis*. Wójcik, K. 2740.

EUCYRTIDIUM [Radiolaria].

- *calvertense*. Martin, G. C. 2444.

HAPLOPHRAGMIUM [Foraminifera].

- *meridionale*. Chapman, F. 2171.

LITHOCAMPE [Radiolaria].

- *marylandica*. Martin, G. C. 2444.

MILIOLINA [Foraminifera].

- *magna*. Wójcik, K. 2740.

(K-14700)

PHACODISCUS. [Radiolaria].

- *calvertanus*. Martin, G. C. 2444.

POLYMORPHINA [Foraminifera].

- *compressa* var. *striata* n. var. Bagg, R. M., jun. 2091.

PULVINULINA [Foraminifera].

- *pondensis*. Chapman, F. 2171.

RHOPALODICTYUM [Radiolaria].

- *calvertense*. Martin, G. C. 2444.
 ——— *marylandicum*. Martin, G. C. 2444.

SAGRINA [Foraminifera].

- *spinosa*. Bagg, R. M., jun. 2091.

SPONGASTERISCUS [Radiolaria].

- *marylandicus*. Martin, G. C. 2444.

Sumatrina n. gen. [Foraminifera].

- Volz, W. 2711.

- *annae*. Volz, W. 2711.

TEXTULARIA [Foraminifera].

- *crater*. Chapman, F. 2172.

Triticites n. gen. [Foraminifera].

- Girty, G. H. 2294.

VAGINULINA [Foraminifera].

- *schloenbachi* var. *interrupta* n. var. Chapman, F. 2172.

0631 PORIFERA.

POROSPHEAERA [Calcispongiae].

- *patelliformis*. Hinde, G. J. 2329.

- *arrecta*. Hinde, G. J. 2329.

L

0631 COELENTERATA.

ALDRICHIELLA n. nom. [Zoantharia].
Vaughan, T. W. 2708.

ALVEOPORA [Hexacoralla].
cretacea. Felix, J. 2254.

ASTRANGIA [Hexacoralla].
conradi. Vaughan, T. W.
2709.

ASTROCOENIA [Hexacoralla].
pygmaea. Felix, J. 2254.

BRYOGRAPTUS [Graptolitoidea].
lapworthi. Ruedemann, R.
2567.
pusillus. Ruedemann, R.
2567.

CLIMACOGRAPTUS [Graptolitoidea].
pungens. Ruedemann, R.
2567.

CLISIOPHYLLUM [Tetracoralla].
thildae. Angelis (De) d'Ossat.
G. 2081.

CRYPTOZOON [Stromatoceridae].
perkinsi. Seely, H. M.
2907.

CYTOLOLITES [Hexacoralla].
choffati. Felix, J. 2254.

CYCLOSERIS [Hexacoralla].
paronae. Bellini, R. 2104.

CYSTIPHYLLUM [Tetracoralla].
clavatum. Greene, G. K.
2304.

conspicuum. Greene, G. K.
2304.

crenatum. Greene, G. K.
2304.

fulcratum. Greene, G. K.
2304.

gemmiferum. Greene, G. K.
2304.

DENDROGRAPTUS [Graptolitoidea].
fluitans. Ruedemann, R.
2567.
succulentus. Ruedemann, R.
2567.

DESMOGRAPTUS [Graptolitoidea].
intricatus. Ruedemann, R.
2567.

DICELLOGRAPTUS [Graptolitoidea].
angulatus. Elles, G. L. and
Wood, E. M. R. 2248.

DICRANOGRAPTUS [Graptolitoidea].
brevicaulis. Elles, G. L.
and Wood, E. M. R.
2248.
celticus. Elles, G. L. and
Wood, E. M. R. 2248.
cyathiformis. Elles, G. L.
and Wood, E. M. R.
2248.

DICTYONEMA
furciferum. Ruedemann, R.
2567.
rectilineatum. Ruedemann,
R. 2567.

DIDYMOGRAPTUS [Graptolitoidea].
cuspidatus. Ruedemann, R.
2567.
ellesi. Ruedemann, R. 2567.
foreipiformis. Ruedemann,
R. 2567.
incertus. Ruedemann, R.
2567.
spinosus. Ruedemann, R.
2567.
tornquisti. Ruedemann, R.
2567.

DIPHYPHYLLUM [Tetracoralla].
dilatatum. Greene, G. K.
2304.

DIPLOCTENIUM [Hexacoralla].
affine. Felix, J. 2254.

DIPLOGRAPTUS [Graptolitoidea].
laxus. Ruedemann, R.
2567.
longicaudatus. Ruedemann,
R. 2567.

FAYOSITES [Tabulata].
louisvillensis. Greene, G. K.
2304.

GLOSSOGRAPTUS [Graptolitoidea].
echinatus. Ruedemann, R.
2567.
hyatrix. Ruedemann, R.
2567.

GONIOGRAPTUS [Graptolitoidea].
geometricus. Ruedemann,
R. 2567.
perflexilis. Ruedemann, R.
2567.

HELIOPHYLLUM [Tetracoralla].
conditum. Greene, G. K.
2304.
gradatum. Greene, G. K.
2304.
inflexum. Greene, G. K.
2304.

- HELIOPHYLLUM** [Tetracoralla].
 ——— *obliquum*. Greene, G. K. 2304.
 ——— *parvulum*. Greene, G. K. 2304.
- HYDRACTINIA** [Hydromedusae].
 ——— *multispinosa*. Ulrich, E. O. 2702.
- Lithodrumus** n. gen. [Tabulata].
 ——— Greene, G. K. 2304.
 ——— *veryi*. Greene, G. K. 2304.
- LONSDALEIA** [Tetracoralla].
 ——— *fennemai*. Volz, W. 2711.
 ——— *frechi*. Volz, W. 2711.
- LOPHOPHYLLUM** [Tetracoralla].
 ——— *vermiforme*. Tornquist, A. 2688.
- Milleaster** n. gen. [Hydromedusae].
 ——— Ulrich, E. O. 2702.
 ——— *incrustans*. Ulrich, E. O. 2702.
 ——— ? *subramosus*. Ulrich, E. O. 2702.
- Myriopora** n. gen. [Hydrocorallinae].
 ——— Volz, W. 2711.
 ——— *verbeeki*. Volz, W. 2711.
- PHYLLOCOENIA** [Hexacoralla].
 ——— *transiens*. Felix, J. 2254.
- Protopora** n. gen. [Tabulata].
 ——— Greene, G. K. 2304.
- Protrochiscolithus** n. gen. [Octocoralla].
 ——— Kiaer, J. 2367.
- PTILOGRAPTUS** [Graptolitoidea].
 ——— *tenuissimus*. Ruedemann, R. 2567.
- Sigmagraptus** n. gen. [Graptolitoidea].
 ——— Ruedemann, R. 2567.
 ——— *praecursor*. Ruedemann, R. 2567.
- STAUBOGRAPTUS** [Graptolitoidea].
 ——— *dichotomus* var. *apertus* n. var. Ruedemann, R. 2567.
- STROMATOCERIUM** [Stromatoceridae].
 ——— *catoni*. Seely, H. M. 2607.
 ——— *lamottense*. Seely, H. M. 2607.
 ——— ——— var. *chazianum* n. var. Seely, H. M. 2607.
 ——— *moniliferum*. Seely, H. M. 2607.
- Strophograptus** n. gen. [Graptolitoidea].
 ——— Ruedemann, R. 2567.
 ——— *trichomanes*. Ruedemann, R. 2567.

- TEMNOGRAPTUS** [Graptolitoidea].
 ——— *noteboracensis*. Ruedemann, R. 2567.
- TETRAGRAPTUS** [Graptolitoidea].
 ——— *clarkei*. Ruedemann, R. 2567.
 ——— *lentus*. Ruedemann, R. 2567.
 ——— *pygmaeus*. Ruedemann, R. 2567.
 ——— *woodi*. Ruedemann, R. 2567.
- Tristylotus** n. gen. [Hydromedusae].
 ——— Parks, W. A. 2504.
 ——— *hexagonus*. Parks, W. A. 2504.
 ——— *rhomboideus*. Parks, W. A. 2504.
- ZAPHRENTIS** [Tetracoralla].
 ——— *albacornis*. Greene, G. K. 2304.
 ——— *alteolatus*. Greene, G. K. 2304.
 ——— *caliculus*. Greene, G. K. 2304.
 ——— *callosus*. Greene, G. K. 2304.
 ——— *clinatus*. Greene, G. K. 2304.
 ——— *intortus*. Greene, G. K. 2304.
 ——— *invaginatus*. Greene, G. K. 2304.
 ——— *prolixus*. Greene, G. K. 2304.
 ——— *strigatus*. Greene, G. K. 2304.
 ——— *subcentralis*. Greene, G. K. 2304.

1031 ECHINODERMATA.

- ACTINOCRINUS** [Crinoidea].
 ——— *multiramosus* var. *allidorsatus* n. var. Greene, G. K. 2304.
- BATOCRINUS** [Crinoidea].
 ——— *davisi* var. *lanesvillensis* n. var. Greene, G. K. 2304.
 ——— *davisi* var. *sculptus* n. var. Greene, G. K. 2304.
 ——— *magnirostris*. Greene, G. K. 2304.
- BOTRYOCRINUS** [Crinoidea].
 ——— *americanus*. Greene, G. K. 2304.

- CERIOCRINUS** [Crinoidea].
 — ? *prieus*. Greene, G. K. 2304.
- CHANIOLA** n. gen. [Echinoidea].
 — Gagel, C. 2285.
 — *carolinas*. Gagel, C. 2285.
- CODIOPSIS** [Echinoidea].
 — *valotairei*. Lambert, J. 2393.
- DOLATOCRINUS** [Crinoidea].
 — *asterias*. Wood, E. 2748.
 — *costatus*. Wood, E. 2748.
 — *trachsmuthi* n. nom. Wood, E. 2748.
- EPIASTER** [Echinoidea].
 — *nutriz*. Lambert, J. 2302.
- GENNAEOCRINUS** [Crinoidea].
 — *simulans*. Greene, G. K. 2304.
- HEMIASTER** [Echinoidea].
 — *sudanensis*. Bather, F. A. 2099.
 — *vanconverensis*. Whiteaves, J. F. 2729.
- HOLASTER** [Echinoidea].
 — *stümckii*. Wolleemann, A. 2745.
- HOMOKASTER** [Echinoidea].
 — *ardouini*. Lambert, J. 2302.
- MARETTIA** [Echinoidea].
 — *zeisii*. Gagel, C. 2285.
- MEGISTOCRINUS** [Crinoidea].
 — *regularis*. Wood, E. 2748.
 — *sphaeralis*. Wood, E. 2748.
 — *tuberatus*. Wood, E. 2748.
- PENTACRINUS** [Crinoidea].
 — *dentatogranulatus*. Wolleemann, A. 2744.
 — *zellbergensis*. Wolleemann, A. 2745.
- PLESIOLAMPAS** [Echinoidea].
 — *saharae*. Bather, F. A. 2099.
- SALENIA** [Echinoidea].
 — *boulei*. Lambert, J. 2302.
- SPATANGUS** [Echinoidea].
 — ? *gottschei*. Gagel, C. 2285.
 — ? *meyni*. Gagel, C. 2285.
- TETRACRINUS** [Cystoidea].
 — *tetraedra*. Jaekel, O. 2349.
- TRIPLEUROCRINUS** n. gen. [Crinoidea].
 — Wood, E. 2748.
 — *lcris*. Wood, E. 2748.
- TYLOCRINUS** n. gen. [Crinoidea]. Wood, E. 2748.
 — *novus*. Wood, E. 2748.

1831 VERMES.

- SPIROBIS** [Polychaeta].
 — *calvertensis*. Martin, G. C. 2443.
- Terebellina** n. gen. [Polychaeta].
 — Ulrich, E. O. 2701.
 — *palachei*. Ulrich, E. O. 2701.

2031 BRACHIOPODA AND BRYOZOA.

- AMPHIHELESTRUM** [Bryozoa].
 — *agellus*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *constrictum*. Ulrich, E. O. & Bassler, R. S. 2704.
- AMPHICLINODONTA** [Brachiopoda].
 — *bittneri*. Waagen, L. 2713.
- AMPLEXOPORA** [Bryozoa].
 — *multispinosa*. Cumings, R. R. 2206.
- ANOPLOTHECA** [Brachiopoda].
 — *congregata*. Kindle, E. M. and Breger, C. L. 2370.
- AROTROTHECA** [Brachiopoda].
 — *schucherti*. Dall, W. H. 2209.
- ATHYRIS** [Brachiopoda].
 — *acuminata*. Drevermann, F. 2231.
 — *aliena*. Drevermann, F. 2235.
 — *cuboides*. Drevermann, F. 2231.
- BERENICEA** [Bryozoa].
 — *dolrudschensis*. Toula, F. 2690.
- CAMAROTOECHIA** [Brachiopoda].
 — *hudsonica*. Grabau, A. W. 2300.
- CELLEPORA** [Bryozoa].
 — *cribrosa*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *massalis*. Ulrich, E. O. & Bassler, R. S. 2704.
- CHONETES** [Brachiopoda].
 — *robustus*. Raymond, P. E. 2543.
- CHONOSTROPHIA** [Brachiopoda].
 — *jervensis*. Schuchert, C. 2588.
 — *montrealensis*. Schuchert, C. 2588.

- CONCHIDIUM** [Brachiopoda].
 — *trilobatum*. Kindle, E. M. & Breger, C. L. 2370.
- CRISINA** [Bryozoa].
 — *striatopora*. Ulrich, E. O. & Bassler, R. S. 2704.
- DEKAYELLA** [Bryozoa].
 — *cystata*. Cumings, E. R. 2206.
- DEKATIA** [Bryozoa].
 — *magna*. Cumings, E. R. 2206.
- DISCINA** [Brachiopoda].
 — *bosniaca*. Kittl, E. 2371.
- EATONIA** [Brachiopoda].
 — *goodlandensis*. Kindle, E. M. & Breger, C. L. 2370.
- ERIDOTRYPA** [Bryozoa].
 — *revayensis*. Cumings, E. R. 2206.
- HOMOTRYPA** [Bryozoa].
 — *austini*. Bassler, R. S. 2097.
 — *curvata* var. *praecipta* n. var. Bassler, R. S. 2097.
 — *cineinnatiensis*. Bassler, R. S. 2097.
 — *communis*. Bassler, R. S. 2097.
 — *cylindrica*. Bassler, R. S. 2097.
 — *dumosa*. Bassler, R. S. 2097.
 — *flabellaris* var. *spiniifera* n. var. Bassler, R. S. 2097.
 — *frondosa*. Bassler, R. S. 2097.
 — *grandis*. Bassler, R. S. 2097.
 — *libana*. Bassler, R. S. 2097.
 — *nicklesi*. Bassler, R. S. 2097.
 — *nitida*. Bassler, R. S. 2097.
 — *pulchra*. Bassler, R. S. 2097.
 — *ramulosa*. Bassler, R. S. 2097.
 — *richmondensis*. Bassler, R. S. 2097.
 — *splendens*. Bassler, R. S. 2097.
 — *wortheni* var. *intercellata* n. var. Bassler, R. S. 2097.
 — *wortheni* var. *prominens* n. var. Bassler, R. S. 2097.
- IDMONEA** [Bryozoa].
 — ? *expansa*. Ulrich, E. O. & Bassler, R. S. 2704.
- LEPRALIA** [Bryozoa].
 — *maculata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *marylandica*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *montifera*. Ulrich, E. O. & Bassler, R. S. 2704.
 — ? *reversa*. Ulrich, E. O. & Bassler, R. S. 2704.
- MEMBRANIPORA** [Bryozoa].
 — *bifoliata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *caminosa*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *fistula*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *fossulifera*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *gentili*. Canu, T. 2160.
 — *germana*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *nitidula*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *oblongula*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *parvula*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *percinquieri*. Canu, T. 2160.
 — *subovalis*. Canu, T. 2160.
- MICROPORELLA** [Bryozoa].
 — *bifoliata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *inflata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *praeiliata*. Ulrich, E. O. & Bassler, R. S. 2704.
- ORTHOETHES** [Brachiopoda].
 — *injens* n. nom. Drevermann, F. 2235.
- ORTHOTOMA** [Brachiopoda].
 — *toarciensis* n. nom. Buckman, S. S. 2149.
- PALMICELLARIA** [Bryozoa].
 — *convoluta*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *punctata*. Ulrich, E. O. & Bassler, R. S. 2704.
- PENTAMERUS** [Brachiopoda].
 — *oblongus* var. *compressa* n. var. Kindle, E. M. & Breger, C. L. 2370.
- PHOLIDOSTROPHIA** [Brachiopoda].
 — *niagarensis*. Kindle, E. M. & Breger, C. L. 2370.
- PRODUCTUS** [Brachiopoda].
 — ? *turcicus*. Kittl, E. 2371.

- PSEUDOGLOSSOTHYRIS** [Brachiopoda].
 — *banburiensis* n. nom. Buckman, S. S. 2149.
- RENSSELARIA** [Brachiopoda].
 — *carinata*. Fuchs, A. 2281.
 — *confluens*. Fuchs, A. 2281.
 — *posthuma*. Fuchs, A. 2281.
 — *robustella*. Fuchs, A. 2281.
- RETEPORA** [Bryozoa].
 — *doverensis*. Ulrich, E. O. & Bassler, R. S. 2704.
- RETICULARIA** [Brachiopoda].
 — *proxima*. Kindle, E. W. & Breger, C. L. 2370.
- REYNCHONELLA** [Brachiopoda].
 — *coronula*. Drevermann, F. 2231.
 — *glossoides*. Kittl, E. 2371.
 — *holmesii*. Dall, W. H. 2209.
 — *miatachkoiciensis*. Ilovalsky, D. 2347.
 — *salpinz*. Dall, W. H. 2209.
 — *signifrons*. Kittl, E. 2371.
- REYNCHOSPIRA** [Brachiopoda].
 — *excoavata*. Grabau, A. W. 2300.
- RHIZOPORELLA** [Bryozoa].
 — *cumulata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *doverensis*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *latisinuata*. Ulrich, E. O. & Bassler, R. S. 2704.
 — *subquadrata*. Ulrich, E. O. & Bassler, R. S. 2704.
- ROBUCHERTELLA** n. nom. [Brachiopoda].
 Girty, G. H. 2295.
- SELENARIA** [Bryozoa].
 — *magnipunctata* n. nom. Maplestone, C. M. 2438.
 — *otwayensis*. Maplestone, C. M. 2438.
- SPIRIGERA** [Brachiopoda].
 — *borovacensis*. Kittl, E. 2371.
- STROPHEODONTA** [Brachiopoda].
 — *herculea* n. nom. Drevermann, E. 2235.
- STROPHONELLA** [Brachiopoda].
 — *williamsi*. Kindle, E. M. & Breger, C. L. 2370.
- THEONOA** [Bryozoa].
 — *glomerata*. Ulrich, E. O. & Bassler, R. S. 2704.
- TRIGERIA** [Brachiopoda].
 — *ochleri*. Drevermann, F. 2235.
- 2231 MOLLUSCA.**
- ABRA** [Pelecypoda].
 — *marylandica*. Glenn, L. C. 2296.
- ACANTHOCERAS** [Cephalopoda].
 — *escheri*. Solger, F. 2643.
 — *hoplitoides*. Leaswitz, R. 2402.
 — *jaskeli*. Solger, F. 2643.
- Acompsoceras** n. gen. [Cephalopoda].
 Hyatt, A. 2346.
- Aconoceras** n. gen. [Cephalopoda].
 Hyatt, A. 2346.
- ACTAEON** [Gastropoda].
 — *calvertensis*. Martin, G. C. 2441.
 — *camerunensis*. Oppenheim, P. 2491.
- ACTAEONINA** [Gastropoda].
 — *atherstonei* var. *umbellata* n. var. Etheridge, R., jun. 2251.
 — *ovata*. Picard, E. 2520.
- ADEORBIS** [Gastropoda].
 — *liscaviensis*. Picard, E. 2520.
- ALARIA** [Gastropoda].
 — *baillyi*. Etheridge, R., jun. 2251.
- AMALTHEA** [Gastropoda].
 — *marylandica*. Martin, G. C. 2441.
- AMMONITES** [Cephalopoda].
 — *langenhani*. Sturm, F. 2677.
- Amonotis** n. gen. [Pelecypoda].
 Kittl, E. 2371.
 — *cancellaria*. Kittl, E. 2371.
- Amphoreopsis** n. gen. [Cephalopoda].
 — *Crick*, G. C. 2205.
 — *paucicamerata*. Crick, G. C. 2205.
- ANODONTOPSIS** [Pelecypoda].
 — *trabashensis*. Kindle, E. M. & Breger, C. L. 2370.

ANOMALOCARDIA [Pelecypoda].

- _____ *bordeniana*. Dall, W. H. 2209.
 _____ *chipolana*. Dall, W. H. 2209.
 _____ *dupliniana*. Dall, W. H. 2209.

APIOTOMA [Gastropoda].

- _____ *bassi*. Pritchard, G. B. 2536.

APORRHAIS [Gastropoda].

- _____ *bicarinatoides*. Wolleman, A. 2744.
 _____ *hirundo*. Sturm, F. 2677.

ARCA [Pelecypoda].

- _____ *algermissensis*. Wolleman, A. 2744.
 _____ *elma*. Glenn, L. C. 2296.
 _____ *justinae* n. sp. Wolleman, A. 2743.
 _____ *mimula*. Oppenheim, P. 2491.
 _____ *paralactea*. Oppenheim, P. 2491.
 _____ *tirolensis*. Broili, F. 2131.

ARCOPTERA [Pelecypoda].

- _____ *ampla*. Broili, F. 2131.
 _____ *areata*. Broili, F. 2131.
 _____ *canaliculata*. Kittl, E. 2371.
 _____ *lateareata*. Broili, F. 2131.
 _____ *vizareata*. Broili, F. 2131.

ASTARTE [Pelecypoda].

- _____ *amphitrite*. Scalia, S. 2575.
 _____ *alaskensis*. Dall, W. H. 2211.
 _____ *americana*. Dall, W. H. 2209.
 _____ *bennettii*. Dall, W. H. 2211.
 _____ *calvertensis*. Glenn, L. C. 2296.
 _____ *castrana*. Glenn, L. C. 2296.
 _____ *excavatooides*. Ilovaisky, D. 2347.
 _____ *glenni*. Dall, W. H. 2209.
 _____ *laevicingulata*. Scalia, S. 2575.
 _____ *levilimbata*. Ilovaisky, D. 2347.
 _____ *liogona*. Dall, W. H. 2211.
 _____ *nieschavensis*. Skrinnikov, A. 2636.
 _____ *opulentora*. Dall, W. H. 2209.

ASTARTE [Pelecypoda].

- _____ *parma*. Dall, W. H. 2209.
 _____ *polaris*. Dall, W. H. 2211.
 _____ *soror*. Dall, W. H. 2211.
 _____ *thiesphila*. Glenn, L. C. 2296.
 _____ *vernica*. Dall, W. H. 2211.
 _____ *wagneri*. Dall, W. H. 2209.

ASTELE [Gastropoda].

- _____ *millegranosa*. Pritchard, G. B. 2536.

ATRINA [Pelecypoda].

- _____ *piscatoria*. Glenn, L. C. 2296.

AVICULA [Pelecypoda].

- _____ *alternicosta*. Scalia, S. 2575.
 _____ *crisallina*. Scalia, S. 2575.
 _____ ? *efflata*. Broili, F. 2131.
 _____ *grabovicensis*. Kittl, E. 2371.
 _____ *huberti*. Hoyer. 2340.
 _____ *kieslingwaldensis*. Sturm, F. 2677.
 _____ *loomisi*. Broili, F. 2131.
 _____ *miljacensis*. Kittl, E. 2371.
 _____ *pietlei*. Scalia, S. 2575.
 _____ *prosslinensis*. Broili, F. 2131.
 _____ *salomoni*. Broili, F. 2131.
 _____ *seisiana*. Broili, F. 2131.
 _____ *turgidula*. Scalia, S. 2575.
 _____ *wahneri*. Kittl, S. 2371.

BACULITES [Cephalopoda].

- _____ *aspero-anceps*. Lasswitz, R. 2402.

BADIOTELLA [Pelecypoda].

- _____ *concentrica*. Broili, F. 2131.
 _____ *gracilis*. Broili, F. 2131.
 _____ *subpunctata*. Broili, F. 2131.

BAKEWELLIA [Pelecypoda].

- _____ *kingi* n. nom. Kittl, E. 2371.
 _____ *nikitouchensis*. Jakovlev, N. 2357.

BANKIVIA [Gastropoda].

- _____ *howitti*. Pritchard, G. B. 2536.

BARROISICERAS [Cephalopoda].

- _____ *brancoi*. Solger, F. 2643.
 _____ *haueri*. Hyatt, A. 2346.

BELEMNITES [Cephalopoda].

- _____ *miatschkoviensis*. Ilovaisky, D. 2347.

- BELLEROPHON** [Gastropoda].
 — *subaensis*. Kittl, E. 2371.
- BORNIA** [Pelecypoda].
 — *depressa*. Glenn, L. C. 2296.
 — *marylandica*. Glenn, L. C. 2296.
- BRASILINA** [Cephalopoda].
 — *crinalis*. Buckman, S. S. 2150.
 — *tutcheri*. Buckman, S. S. 2150.
- BRAUNSELLA** n. gen. [Cephalopoda].
 Buckman, S. S. 2150.
 — ? *rotabilis*. Buckman, S. S. 2150.
 — *semilenis*. Buckman, S. S. 2150.
- BRAUNSINA** [Cephalopoda].
 — *aspera*. Buckman, S. S. 2150.
 — *contorta*. Buckman, S. S. 2150.
 — *cornigera*. Buckman, S. S. 2150.
 — *elegantula*. Buckman, S. S. 2150.
 — *fastigata*. Buckman, S. S. 2150.
 — *projecta*. Buckman, S. S. 2150.
 — ? *subquadrata*. Buckman, S. S. 2150.
- BRCCINUM** [Gastropoda].
 — *blanckenhorni*. Oppenheim, P. 2491.
 — *choffati*. Oppenheim, P. 2491.
- BUCHIOLA** [Pelecypoda].
 — *semiimpressa*. Drevermann, F. 2231.
- CADOCERAS** [Cephalopoda].
 — *crassum*. Madsen, V. 2433.
- CAECUM** [Gastropoda].
 — *calvertense*. Martin, G. C. 2441.
 — *greensboroensis*. Martin, G. C. 2441.
 — *patuxentium*. Martin, G. C. 2441.
- CALLIOSTOMA** [Gastropoda].
 — *calvertanum*. Martin, G. C. 2441.
 — *marylandicum*. Martin, G. C. 2441.
- CALLOGARDIA** [Pelecypoda].
 — *prunensis*. Glenn, L. C. 2296.
 — *gabinensis*. Dall, W. H. 2209.
 — *sincera*. Dall, W. H. 2209.
 — ? *kincaidii*. Dall, W. H. 2213.
- CALYPTRAEA** [Gastropoda].
 — *greensboroensis*. Martin, G. C. 2441.
 — *sigaretina*. Oppenheim, P. 2491.
- CANAVARELLA** n. gen. [Cephalopoda].
 Buckman, S. S. 2150.
 — ? *arenacea*. Buckman, S. S. 2150.
 — *belophora*. Buckman, S. S. 2150.
 — ? *sceleta*. Buckman, S. S. 2150.
 — ? *toma*. Buckman, S. S. 2150.
- CANAVARINA** [Cephalopoda].
 — *digna* n. nom. Buckman, S. S. 2150.
- CANCELLARIA** [Gastropoda].
 — *calvertensis*. Martin, G. C. 2441.
 — *marylandica*. Martin, G. C. 2441.
 — *neritoidea*. Martin, G. C. 2441.
 — *patuxentia*. Martin, G. C. 2441.
 — *prunicola*. Martin, G. C. 2441.
 — *reticulatoides*. Martin, G. C. 2441.
- Cancellariella** n. subgen. [Gastropoda].
 Martin, G. C. 2441.
- CANTHARIDUS** [Gastropoda].
 — *serratulus*. Pritchard, G. B. 2536.
- CARDIOCERAS** [Cephalopoda].
 — *ragum*. Ilovalsky, D. 2347.
 — *zenaidae*. Ilovalsky, D. 2347.
- CARDIOMORPHIA** [Pelecypoda].
 — *campestris*. Reed, F. R. C. 2546.
 — ? *gymnitum*. Kittl, E. 2371.
- CARDITA** [Pelecypoda].
 — *camerunensis*. Oppenheim, P. 2491.
 — *calharia*. Dall, W. H. 2209.
 — *chaylai*. Meunier, S. 2457.

CARDITA [Pelecypoda].

- _____ *prestoni*. Dall, W. H. 2209.
 _____ *tegea*. Dall, W. H. 2209.
 _____ *vaughani*. Dall, W. H. 2209.

CARDIUM [Pelecypoda].

- _____ *bullen neurtoni*. Etheridge,
 R. jun. 2251.
 _____ *calvertensium*. Glenn, L. C.
 2296.
 _____ *lenzi*. Oppenheim, P. 2491.
 _____ *patuxentium*. Glenn, L. C.
 2206.

Carstenia n. gen. [Cephalopoda].

- _____ Hyatt, A. 2346.
 _____ ? *tuberculata*. Hyatt, A.
 2346.

CERATITES [Cephalopoda].

- _____ *armatus*. Philippi, E. 2517.
 _____ *alatus*. Philippi, E. 2517.
 _____ *dorsoplanus*. Philippi, E.
 2517.
 _____ *evolutus*. Philippi, E. 2517.
 _____ *flexuosus*. Philippi, E. 2517.
 _____ *humilis*. Philippi, E. 2517.
 _____ *intermedius*. Philippi, E.
 2517.
 _____ *laevigatus*. Philippi, E.
 2517.
 _____ *spinosus*. Philippi, E. 2517.
 _____ *rogdesi*. Smith, J. P. 2639.

CERITHIOPSIS [Gastropoda].

- _____ *calvertensis*. Martin, G. C.
 2441.

CERITHIUM [Gastropoda].

- _____ *beytschlagi*. Wollemaun, A.
 2744.
 _____ *di-lorezo*. Scalia, S. 2575.
 _____ *peronae*. Scalia, S. 2575.
 _____ *simonellii*. Scalia, S. 2575.
 _____ *stoppanii*. Scalia, S. 2575.
 _____ *zeisci*. Wollemaun, A.
 2744.

CEROMYA [Pelecypoda].

- _____ *isocardioides*. Sturm, F.
 2677.

CHAMA [Pelecypoda].

- _____ *caloosana*. Dall, W. H.
 2209.
 _____ *chipolana*. Dall, W. H.
 2209.
 _____ *draconis*. Dall, W. H.
 2209.
 _____ *lyelli*. Dall, W. H. 2209.
 _____ *tampaensis*. Dall, W. H.
 2209.

CHEMNITZIA [Gastropoda].

- _____ *carapezzae*. Scalia, S. 2575.
 _____ *elegans*. Scalia, S. 2575.
 _____ *helicoidea*. Scalia, S. 2575.
 _____ *mirabilis*. Scalia, S. 2575.
 _____ *obeliscus*. Scalia, S. 2575.
 _____ *pyramis*. Scalia, S. 2575.
 _____ *zezii*. Scalia, S. 2575.

CHIONE [Pelecypoda].

- _____ *ballista*. Dall, W. H. 2209.
 _____ *chipolana*. Dall, W. H. 2209.
 _____ *craspedonia*. Dall, W. H.
 2209.
 _____ *erosa*. Dall, W. H. 2209.
 _____ *glyptocyma*. Dall, W. H.
 2209.
 _____ *hendersonii*. Dall, W. H.
 2209.
 _____ *parkeria*. Glenn, L. C. 2296.
 _____ *rhodia*. Dall, W. H. 2209.
 _____ *spada*. Dall, W. H. 2209.
 _____ *victoria*. Dall, W. H.
 2209.
 _____ *zesta*. Dall, W. H. 2209.

CHITON [Amphineura].

- _____ *busambrensis*. Scalia, S.
 2575.
 _____ *compressus*. Scalia, S.
 2575.
 _____ *giganteus*. Scalia, S. 2575.
 _____ *monterosatoi*. Scalia, S.
 _____ *zitteli*. Scalia, S. 2575.

CHLAMYS [Pelecypoda].

- _____ *anatipes*. Ugolini, R. 2700.
 _____ *bononiensis*. Ugolini, R.
 2700.
 _____ *transversa*. Ugolini, R.
 2700.

Choffaticeras n. gen. [Cephalopoda].

Hyatt, A. 2346

CHRYSODOMUS [Gastropoda].

- _____ *patuxentensis*. Martin, G. C.
 2441.

CIRCE [Pelecypoda].

- _____ *koeneni*. Skrinnikov, A.
 2636.

CLANCULUS [Gastropoda].

- _____ *praeeruciatus*. Michailov-
 skij, G. P. 2460.

CLAVELLA [Gastropoda].

- _____ *platystropha*. Pritchard,
 G. B. 2536.

- Clavellofus* n. gen. [Gastropoda].
 Grabau, A. W. 2301.
 ——— *macrospiratus*. Grabau, A. W. 2301.
 ——— *spiratus*. Grabau, A. W. 2301.
 ——— *tuberculatus*. Grabau, A. W. 2301.
- Clavilithes* [Gastropoda].
 ——— *conjunctoides*. Grabau, A. W. 2301.
 ——— *solanderi*. Grabau, A. W. 2301.
 ——— *subscalaris*. Grabau, A. W. 2301.
- Clavulites* n. gen. [Scaphopoda]. Girty, G. B. 2295.
 ——— *howardensis*. Girty, G. H. 2295.
- CLYMENIA* [Cephalopoda].
 ——— *kayseri*. Drevermann, F. 2231.
- CODAKIA* [Pelecypoda].
 ——— *chipolana*. Dall, W. H. 2209.
 ——— *erosa*. Dall, W. H. 2209.
 ——— *magneliana*. Dall, W. H. 2209.
 ——— *pertenera*. Dall, W. H. 2209.
 ——— *spinulosa*. Dall, W. H. 2209.
 ——— *vendryesi*. Dall, W. H. 2209.
- Colloporoceras* n. gen. [Cephalopoda].
 Hyatt, A. 2346.
 ——— *colleti*. Hyatt, A. 2346.
 ——— ? *grossouvrei*. Hyatt, A. 2346.
 ——— *novimexicanum*. Hyatt, A. 2346.
 ——— *springeri*. Hyatt, A. 2346.
- COLLONIA* [Gastropoda].
 ——— *geelongensis*. Pritchard, G. B. 2536.
- COLUMBELLA* [Gastropoda].
 ——— *approximans*. Pritchard, G. B. 2536.
 ——— *balcombensis*. Pritchard, G. B. 2536.
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *subcarinata*. Oppenheim, P. 2491.
- CONOCARDIUM* [Pelecypoda].
 ——— *beushauseni*. Drevermann, F. 2231.
 ——— *multistriatum*. Kindle, E. M. and Bregar, C. L. 2370.
 ——— *oiceni*. Kindle, E. M. and Bregar, C. L. 2370.
- CONULARIA*.
 ——— *ornatissima*. Chapman, F. 2174.
- CORBULA* [Pelecypoda].
 ——— *cercus*. Oppenheim, P. 2491.
 ——— *praegibba*. Oppenheim, P. 2491.
- Cosmolithes* n. gen. [Gastropoda].
 Grabau, A. W. 2301.
 ——— *submultiplicatus*. Grabau, A. W. 2301.
- COTTESWOLDIA* [Cephalopoda].
 ——— *attrita*. Buckman, S. S. 2150.
 ——— *egena*. Buckman, S. S. 2150.
 ——— *bifax*. Buckman, S. S. 2150.
 ——— *particostata*. Buckman, S. S. 2150.
 ——— *paucicostata*. Buckman, S. S. 2150.
- CRASSATELLITES* [Pelecypoda].
 ——— *acutus*. Dall, W. H. 2209.
 ——— *bowdenensis*. Dall, W. H. 2209.
 ——— *chipolanus*. Dall, W. H. 2209.
 ——— *duplinianus*. Dall, W. H. 2209.
 ——— *jamaicensis*. Dall, W. H. 2209.
 ——— *tanicus*. Dall, W. H. 2209.
 ——— *triangulatus*. Dall, W. H. 2209.
- CRENELLA* [Pelecypoda].
 ——— *gubernatoria*. Glenn, L. C. 2296.
 ——— *virida*. Glenn, L. C. 2296.
- CREPIDULA* [Gastropoda].
 ——— *precursor*. Dall, W. H. 2213.
 ——— *ungana*. Dall, W. H. 2213.
- Crickia* n. gen. [Cephalopoda]. Buckman, S. S. 2150.
 ——— *reflua*. Buckman, S. S. 2150.

- CROSSOSTOMA** [Gastropoda].
 — *buccai*. Scalia, S. 2575.
- CUOULLAEA** [Pelecypoda].
 — *deichmülleri*. Sturm, F. 2677.
 — *seisiana*. Broili, F. 2131.
 — *tschapitana*. Broili, F. 2131.
- CUSPIDARIA** [Pelecypoda].
 — *craspedonia*. Dall, W. H. 2209.
 — *distira*. Dall, W. H. 2209.
- CYATHODONTA** [Pelecypoda].
 — *guadalupensis*. Dall, W. H. 2209.
 — *spenceri*. Dall, W. H. 2209.
 — *vickburgiana*. Dall, W. H. 2209.
- CYCOLINELLA** [Pelecypoda].
 — *gatunensis*. Dall, W. H. 2209.
- CYLICHNA** [Gastropoda].
 — *calvertensis*. Martin, G. C. 2441.
 — *fusuliniformis*. Etheridge, R., jun. 2251.
 — ? *greensboroënsis*. Martin, G. C. 2441.
 — *griesbachi*. Etheridge, R., jun. 2251.
- CYLLENE** [Gastropoda].
 — *desmoyersi* var. *turenica* n. var. Peyrot. 2516.
- Cymatocyclus** n. subgen. [Pelecypoda].
 Dall, W. H. 2210.
- CYRENA** [Pelecypoda].
 — *dupliniana*. Dall, W. H. 2209.
 — *oblonga*. Skrinnikov, A. 2636.
- Cyrtodontarca** n. gen. [Pelecypoda].
 — *Jakovlev*, N. 2357.
 — *bakewellioides*. *Jakovlev*, N. 2357.
- CYTHAREA** [Pelecypoda].
 — *anadyomene*. Oppenheim, P. 2491.
 — *caudata*. Oppenheim, P. 2491.
 — *caesarina*. Dall, W. H. 2209.
 — *eschi*. Oppenheim, P. 2491.
 — *glyptococha*. Dall, W. H. 2209.
- CYTHAREA** [Pelecypoda].
 — ? *kaffraria*. Etheridge, R. jun. 2251.
 — *latesuleata*. Oppenheim, P. 2491.
 — *nachtigali*. Oppenheim, P. 2491.
 — *palma*. Oppenheim, P. 2491.
 — *perambigua*. Oppenheim, P. 2491.
 — *perstriatula*. Oppenheim, P. 2491.
 — *shepardi*. Dall, W. H. 2209.
 — *ucattana*. Dall, W. H. 2209.
 — *willcozi*. Dall, W. H. 2209.
- Darellella** n. gen. [Cephalopoda].
 — *Buckman*, S. S. 2150.
 — *reticostata*. *Buckman*, S. S. 2150.
- DARELLIA** [Cephalopoda].
 — *concinna*. *Buckman*, S. S. 2150.
 — *tozeres*. *Buckman*, S. S. 2150.
- Darellina** n. gen. [Cephalopoda].
 — *Buckman*, S. S. 2150.
 — ? *docilis*. *Buckman*, S. S. 2150.
 — *dorselensis*. *Buckman*, S. S. 2150.
 — *planaris*. *Buckman*, S. S. 2150.
- DELPHINULA** [Gastropoda].
 — *kokeni*. *Picard*, E. 2520.
- DELTOIDOCERAS** [Cephalopoda].
 — *astictum*. *Buckman*, S. S. 2150.
 — *idoneum*. *Buckman*, S. S. 2150.
- DELTOIDOCERAS** [Cephalopoda].
 — *cuneatum*. *Buckman*, S. S. 2150.
 — *triangulare*. *Buckman*, S. S. 2150.
- DENTALIUM** [Scaphopoda].
 — *crystallinum*. *Scalia*, S. 2575.
 — *splendens*. *Wollemann*, A. 2744.
- DEPAOCERAS** [Cephalopoda].
 — *hamatum*. *Buckmann*, S. S. 2150.

- DESMOCERAS** [Cephalopoda].
 — *keilhacki*. Wollemann, A. 2744.
- DIPLACMOCERAS** [Cephalopoda].
 — *canaliculatum*. Hyatt, A. 2346.
- DISCOHELIX** [Gastropoda].
 — *graybowskii*. Wójcik, K. 2740.
- DISSOROCERAS** [Cephalopoda].
 — *excavatum* n. nom. Buckman, S. S. 2150.
 — *subornatum*. Buckmann, S. S. 2150.
- DIVARIOELLA** [Pelecypoda].
 — *chipolana*. Dall, W. H. 2209.
 — *compea*. Dall, W. H. 2209.
- DONAX** [Pelecypoda].
 — *andersoni*. Etheridge, R. jun. 2251.
- DOSINIA** [Pelecypoda].
 — ? *alaskana*. Dall, W. H. 2213.
 — *chipolana*. Dall, W. H. 2209.
 — *liogona*. Dall, W. H. 2209.
- DOUVILLEICERAS** [Cephalopoda].
 — *orbigny*. Hyatt, A. 2346.
- DRILLIA** [Gastropoda].
 — *calvertensis*. Martin, G. C. 2441.
 — *incilifera* var. *angulata* n. var. Martin, G. C. 2441.
 — *limatula* var. *pyramidalis* n. var. Martin, G. C. 2441.
 — *ichitfieldi*. Martin, G. C. 2441.
- DUMORTIERIA** [Cephalopoda].
 — *evolutissima*. Prinz, G. 2535.
- ECHINOCHAMA** [Pelecypoda].
 — *antiquata*. Dall, W. H. 2209.
- EOPHORA** [Gastropoda].
 — *tricostata*. Martin, G. C. 2441.
- EDMONDIA** [Pelecypoda].
 — *acuta*. Hind, W. 2328.
 — *truncata*. Hind, W. 2328.
- EMARGINULA** [Gastropoda].
 — *agata*. Scalia, S. 2575.
 — *marylandica*. Martin, G. C. 2441.
- ENGONOCERAS** [Cephalopoda].
 — *complicatum*. Hyatt, A. 2346.
 — *gibbosum*. Hyatt, A. 2346.
 — *subjectum*. Hyatt, A. 2346.
- ENTALIS** [Scaphopoda].
 — ? *multiplicans*. Kittl, E. 2371.
 — ? *orakovicensis*. Kittl, E. 2371.
 — ? *turcica*. Kittl, E. 2371.
- EPISAGOCERAS** n. gen. [Cephalopoda].
 — Noetling, F. 2476.
 — *latidorsatum*. Noetling, F. 2476.
- ERIPHYLE** [Pelecypoda].
 — *rupert-jonesi*. Etheridge, R. jun. 2251.
- ERYCINA** [Pelecypoda].
 — *calvertensis*. Glenn, L. C. 2296.
 — *marylandica*. Glenn, L. C. 2296.
 — *pruna*. Glenn, L. C. 2296.
 — *rickardia*. Glenn, L. C. 2296.
 — *speciosa*. Glenn, L. C. 2296.
- ERYCINELLA** [Pelecypoda].
 — *bernardi*. Dall, W. H. 2200.
- ERYCITES** [Cephalopoda].
 — *baconicus*. Prinz, G. 2535.
 — *bánffy*. Prinz, G. 2535.
 — *ezimius*. Prinz, G. 2535.
 — *intermedius*. Prinz, G. 2535.
 — *involutus*. Prinz, G. 2535.
 — *partechi*. Prinz, G. 2535.
 — *perceli*. Prinz, G. 2535.
 — *retrorsicostatus*. Prinz, G. 2535.
 — *schafarziki*. Prinz, G. 2535.
 — *szontaghi*. Prinz, G. 2535.
 — *telegdi-rothi*. Prinz, G. 2535.
- EULINELLA** [Gastropoda].
 — *marylandica*. Martin, G. C. 2441.
- EULOPHOCERAS** n. gen. [Cephalopoda].
 — Hyatt, A. 2346.
 — *natalense*. Hyatt, A. 2316.
- EGOMPHALOPTERUS** [Gastropoda].
 — *alatus* var. *americanus* n. var. Kindle, E. M. and Breger, C. L. 2370.
 — *alatus* var. *limatoides* n. var. Kindle, E. M. and Breger, C. L. 2370.

- EUCOMPHALUS** [Gastropoda].
 ——— *varicosus*. Drevermann, F. 2231.
- EUTHRIA** [Gastropoda].
 ——— *guibei*. Peyrot. 2516.
- EUTOMOCERAS** [Cephalopoda].
 ——— *dunni*. Smith, J. P. 2639.
- EUTROCHUS** [Gastropoda].
 ——— *fontinalis*. Pritchard, G. B. 2536.
- Falsifusus** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- FEDAIELLA** [Gastropoda].
 ——— *magna*. Picard, E. 2520.
- ICULA** [Gastropoda].
 ——— *sobria*. Oppenheim, P. 2491.
- FLEMINGITES** [Cephalopoda].
 ——— *russelli*. Smith, J. P. 2639.
- FRECHIELLA** [Cephalopoda].
 ——— *brunsoecensis*. Hoyer. 2340.
 ——— *curvata*. Prinz, G. 2534.
- Fritschia** n. gen. [Gastropoda]. Picard, E. 2520.
 ——— *multicostata*. Picard, E. 2520.
 ——— *paucicostata*. Picard, E. 2520.
- Fulgurofusus** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- FUSUS** [Gastropoda].
 ——— *castelarquatensis*. Grabau, A. W. 2301.
 ——— *gabbi*. Grabau, A. W. 2301.
 ——— ? *schrammeni*. Wolleemann, A. 2744.
- GAPRARIUM** [Pelecypoda].
 ——— *altum*. Dall, W. H. 2209.
 ——— *erosum*. Dall, W. H. 2209.
- GEMMA** [Pelecypoda].
 ——— *magna*. Dall, W. H. 2209.
 ——— *trigona*. Dall, W. H. 2209.
- Gerhardtia** n. gen. [Cephalopoda]. Hyatt, A. 2346.
- GERVILLIA** [Pelecypoda].
 ——— *lateolata*. Broili, F. 2131.
 ——— *paronai*. Broili, F. 2131.
 ——— *planata*. Broili, F. 2131.
 ——— *rethpletzi*. Broili, F. 2131.
- GERVILLEIA** [Pelecypoda].
 ——— *bosniaca*. Kittl, E. 2371.
- GIBBULA** [Gastropoda].
 ——— *canatarii*. Scalia, S. 2575.
- GONIOBASIS** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- GONIOMYA** [Pelecypoda].
 ——— *gallischii*. Sturm, F. 2677.
 ——— *vogti*. Sturm, F. 2677.
- GRAPHOCERAS** [Cephalopoda].
 ——— *debile*. Buckman, S. S. 2150.
 ——— ? *inclusum*. Buckman, S. S. 2150.
 ——— *mirabile*. Buckman, S. S. 2150.
 ——— *robustum*. Buckman, S. S. 2150.
- GRATELOUTIA** [Pelecypoda].
 ——— *alumensis*. Dall, W. H. 2209.
- HALIOTIS** [Gastropoda].
 ——— *neuvillii*. Bial de Bellerade. 2111.
- HALOBIA** [Pelecypoda].
 ——— *brachyotis*. Kittl, E. 2371.
 ——— *halilucensis*. Kittl, E. 2371.
- HAMITES** [Cephalopoda].
 ——— *gottschei*. Wolleemann, A. 2745.
 ——— *vernickei*. Wolleemann, A. 2745.
- HAMMATOCERAS** [Cephalopoda].
 ——— *halavatsi*. Prinz, G. 2535.
 ——— *kochi*. Prinz, G. 2535.
 ——— *magocsyi*. Prinz, G. 2535.
 ——— *spinosum*. Prinz, G. 2535.
 ——— *stenomphalum*. Prinz, G. 2535.
- HARPOCERAS** [Cephalopoda].
 ——— *laevigatum*. Prinz, G. 2535.
 ——— *latifalcatum*. Prinz, G. 2535.
- Heliprinia** n. gen. [Gastropoda]. Grabau, A. W. 2301.
- HEINZIA** [Cephalopoda].
 ——— *hispanica*. Hyatt, A. 2346.
 ——— *matura*. Hyatt, A. 2346.
 ——— *pulchelliformis*. Hyatt, A. 2346.
- HILDOCERAS** [Cephalopoda].
 ——— *nodosum*. Prinz, G. 2535.
 ——— *teryi*. Prinz, G. 2535.
 ——— *tirolense* var. *pannonica* n. var. Prinz, G. 2535.
 ——— *tolzi*. Prinz, G. 2535.

- HOFERIA** [Pelecypoda].
 ——— *compressa*. Broili, F. 2131.
- HOLOGYRA** [Gastropoda].
 ——— *gemmaeformis*. Scalia, S. 2575.
- HOPLITOIDES** [Cephalopoda].
 ——— *koeneni*. Solger, F. 2643.
- HUGIA** n. gen. [Cephalopoda].
 ——— *curva*. Buckman, S. S. 2150.
 ——— *micca*. Buckmann, S. S. 2150.
- HYOLITHES**.
 ——— *spnyi*. Chapman, F. 2174.
- HYPERLIOCERAS** [Cephalopoda].
 ——— *curvicoatum*. Buckman, S. S. 2150.
 ——— *deflexum* n. nom. Buckman, S. S. 2150.
 ———? *occlusum*. Buckman, S. S. 2150.
- INOCERAMUS** [Pelecypoda].
 ——— *frechi*. Flegel, K. 2257.
 ——— *giganteus*. Pálffy, M. 2499.
 ——— *glacialis*. Flegel, K. 2257.
 ——— *hungaricus*. Pálffy, M. 2499.
- INOCERAMYS** n. gen. [Pelecypoda].
 ——— Ulrich, E. O. 2701.
 ——— *concentrica*. Ulrich, E. O. 2701.
- ISOCARDIA** [Pelecypoda].
 ——— *heintzeli*. Wollelmann, A. 2745.
 ——— *ignolea*. Glenn, L. C. 2296.
 ——— *maslea*. Glenn, L. C. 2296.
- KELLIA** [Pelecypoda].
 ——— *rotundula*. Glenn, L. C. 2296.
- KILIANIA** [Cephalopoda].
 ——— *armipotens*. Buckman, S. S. 2150.
 ——— *laciniola*. Buckman, S. S. 2150.
 ———? *tuberculata*. Buckman, S. S. 2150.
- KNEMICERAS** [Cephalopoda].
 ——— *compressum*. Hyatt, A. 2346.
 ——— *gabbi*. Hyatt, A. 2346.
- LATIRUS** [Gastropoda].
 ——— *incompletus*. Oppenheim, P. 2491.
- LENA** [Pelecypoda].
 ——— *levini*. Wollelmann, A. 2744.
 ——— *subtriangula*. Oppenheim, P. 2491.
- LIMA** [Pelecypoda].
 ——— *aquilateralis*. Kittl, E. 2371.
 ——— *britannica*. Woods, H. 2750.
 ——— *buenambrensis*. Scalia, S. 2575.
 ——— *cantabrigiensis* n. nom. Woods, H. 2750.
 ——— *cretacea*. Woods, H. 2750.
 ——— *gaultina* n. nom. Woods, H. 2750.
 ——— *meyeri*. Woods, H. 2750.
 ——— *scabrissima*. Woods, H. 2750.
 ——— *schmeisseri*. Wollelmann, A. 2745.
 ——— *teutonica*. Woods, H. 2750.
 ——— *urintonensis*. Woods, H. 2750.
 ——— *sitteli*. Broili, F. 2131.
- LIMIPecten** n. gen. [Pelecypoda].
 ——— Girty, G. H. 2295.
 ——— *tezanus*. Girty, G. H. 2295.
 ——— *tezanus* var. *grandicostatus* n. var. Girty, G. H. 2295.
- LIRODISCUS** [Pelecypoda].
 ——— *ucalesii*. Dall, W. H. 2209.
- LITHOPHAGA** [Pelecypoda].
 ——— *ionensis*. Glenn, L. C. 2296.
- LITTORINA** [Gastropoda].
 ——— *lubrica*. Wollelmann, A. 2744.
- LITUITES** [Cephalopoda].
 ——— *herculeus* var. *carrollensis* n. var. Kindle E. M. & Breger, C. L. 2370.
- Lopadoceras** n. gen. [Cephalopoda].
 ——— Buckman, S. S. 2150.
 ——— *arcuatum*. Buckman, S. S. 2150.
 ——— *euides*. Buckman, S. S. 2150.
 ——— *furcatum*. Buckman, S. S. 2150.
- LOXONEMA** [Gastropoda].
 ——— *columnare*. Picard, E. 2520.
 ——— *elongatum*. Picard, E. 2520.
 ——— *falcatum*. Picard, E. 2520.
 ——— *kokeni*. Picard, E. 2520.
 ——— *rectecostatum*. Picard, E. 2520.

- LUCINA** [Pelecypoda].
 ——— *camerunensis*. Oppenheim, P. 2491.
 ——— *corpulenta*. Dall, W. H. 2209.
 ——— *janus*. Dall, W. H. 2209.
 ——— *santarosana*. Dall, W. H. 2209.
- LUCTA** [Cephalopoda].
 ——— *marginata*. Buckman, S. S. 2150.
- LUDWIGELLA** [Cephalopoda].
 ——— *arcuata*. Buckman, S. S. 2150.
 ——— *attenuata*. Buckman, S. S. 2150.
 ——— *attracta*. Buckman, S. S. 2150.
 ——— *blanda*. Buckman, S. S. 2150.
 ——— *callosa*. Buckman, S. S. 2150.
 ——— *carinata*. Buckman, S. S. 2150.
 ——— *casta*. Buckman, S. S. 2150.
 ——— *flexilis*. Buckman, S. S. 2150.
 ——— *glevensis*. Buckman, S. S. 2150.
 ——— *impolita*. Buckman, S. S. 2150.
 ——— *miera*. Buckman, S. S. 2150.
 ——— *modica*. Buckman, S. S. 2510.
 ——— *opaca*. Buckman, S. S. 2150.
 ——— *rugosa*. Buckman, S. S. 2150.
 ——— *subobsoleta*. Buckman, S. S. 2150.
 ——— *tenuis*. Buckman, S. S. 2150.
 ——— *vibrata*. Buckman, S. S. 2150.
- LUDWIGIA** [Cephalopoda].
 ——— *gradata* n. nom. Buckman, S. S. 2150.
 ——— *laevigata*. Buckman, S. S. 2150.
 ——— *tuberculata* n. nom. Buckman, S. S. 2150.
- LYONSIA** [Pelecypoda].
 ——— *acuta*. Dall, W. H. 2209.
- LYTOCERAS** [Cephalopoda].
 ——— *humile*. Prinz, G. 2535.
 ——— *rasile* var. *humilisimilis* n. var. Prinz, G. 2535.
- MACOMA** [Pelecypoda].
 ——— *marylandica*. Glenn, L. C. 2296.
- MACROCALLISTA** [Pelecypoda].
 ——— *acuminata*. Dall, W. H. 2209.
 ——— *gilberti*. Dall, W. H. 2213.
- MACROCEPHALITES** [Cephalopoda].
 ——— *pompeckji*. Madsen, V. 2433.
- MACRODON** [Pelecypoda].
 ——— *fucini*. Scalia, S. 2575.
 ——— *klipeteini*. Broili, F. 2131.
 ——— *laubei*. Broili, F. 2131.
 ——— *naliuckini*. Jakovlev, N. 2357.
 ——— *parallelum*. Povaïsky, D. 2347.
 ——— *terquemi*. Scalia, S. 2575.
- MACTRA** [Pelecypoda].
 ———? *rhomboidea*. Oppenheim P. 2491.
 ——— *fragilis*. Laskarev, V. 2401.
 ——— *zulu*. Etheridge, R. jun. 2251.
- MANGILIA** [Gastropoda].
 ——— *cornelliana*. Martin, G. C. 2441.
 ——— *duperrayi*. Peyrot. 2516.
 ——— *obtus*. Martin, G. C. 2441.
 ——— *parvoidea*. Martin, G. C. 2441.
 ——— *patuzentia*. Martin, G. C. 2441.
- Mantelliceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *picteti*. Hyatt, A. 2346.
- MARGARITES** [Cephalopoda].
 ——— *peninsularis*. Dall, W. H. 2213.
- MARGINELLA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
- MARMOLATELLA** [Gastropoda].
 ——— *plana*. Picard, E. 2520.
- MATHILDA** [Gastropoda].
 ——— *capellinii*. Scalia, S. 2575.
- MEGAMBONIA** [Pelecypoda].
 ——— *carbonifera*. Hind, W. 2328.
- MELINA** [Pelecypoda].
 ——— *andersoni*. Etheridge, R. jun. 2251.
- MESODESMA** [Pelecypoda].
 ——— *alaskensis*. Dall, E. H. 2213.
 ——— *mariana*. Glenn, L. C. 2296.
- Metasigaloceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.

- Metatissotis** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *nodosa*. Hyatt, A. 2346.
- Metangonoceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *acutum*. Hyatt, A. 2346.
 ——— *ambiguum*. Hyatt, A. 2346.
 ——— *inscriptum*. Hyatt, A. 2346.
- Metalooceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *acceleratum*. Hyatt, A. 2346.
 ——— *gibbosum*. Hyatt, A. 2346.
 ——— *chitsei*. Hyatt, A. 2346.
- Miodontiscus** subgen. n. nom. [Pelecypoda].
 ——— Dall, W. H. 2209.
- Miodontopsis** n. nom. [Pelecypoda].
 ——— Dall, W. H. 2210.
- MITRA** [Gastropoda].
 ——— *mariana*. Martin, G. C. 2441.
- MODIOLA** [Pelecypoda].
 ——— *tagliarini*. Scalia, S. 2575.
 ——— *wrighti*. Hind, W. 2328.
- MODIOLARIA** [Pelecypoda].
 ——— *curta*. Glenn, L. C. 2296.
- MODIOLUS** [Pelecypoda].
 ——— *alaskanus*. Dall, W. H. 2213.
 ——— *dalli*. Glenn, L. C. 2296.
 ——— *harrimani*. Dall, W. H. 2213.
 ——— *ionensis*. Glenn, L. C. 2296.
- MUREX** [Gastropoda].
 ——— *camerunensis*. Oppenheim, P. 2491.
- MYALINA** [Pelecypoda].
 ——— *excentrica*. Drevermann, F. 2231.
- MYOCONCHA** [Pelecypoda].
 ——— *appeli*. Kittl, E. 2371.
 ——— *auriculata*. Broili, F. 2131.
 ——— *curvata*. Broili, F. 2131.
 ——— *grönlandica*. Madsen, V. 2433.
 ——— *ptychitum*. Kittl, E. 2371.
 ——— *rugulosa*. Kittl, E. 2371.
 ——— *recta*. Broili, F. 2131.
 ——— *retroflexa*. Broili, F. 2131.
- MYOPHORIA** [Pelecypoda].
 ——— *acuticostata*. Broili, F. 2131.
- MYRTARA** [Pelecypoda].
 ——— *furecata*. Dall, W. H. 2209.
 ——— *limoniana*. Dall, W. H. 2209.
 ——— *vermiculata*. Dall, W. H. 2209.
- MYSIDOPTERA** [Pelecypoda].
 ——— *ocuta*. Broili, F. 2131.
 ——— *angusticostata*. Broili, F. 2131.
 ——— *aviculaeformis*. Broili, F. 2131.
 ——— *bittneri*. Broili, F. 2131.
 ——— *compressa*. Broili, F. 2131.
 ——— *crassicostata*. Broili, F. 2131.
 ——— *elongata*. Broili, F. 2131.
 ——— *glaberrima*. Kittl, E. 2371.
 ——— *globosa*. Broili, F. 2131.
 ——— *gracilis*. Broili, F. 2131.
 ——— *interrupta*. Broili, F. 2131.
 ——— *latifissa*. Broili, F. 2131.
 ——— *marginata*. Broili, F. 2131.
 ——— *multistriata*. Broili, F. 2131.
 ——— *obliqua*. Broili, F. 2131.
 ——— *planata*. Broili, F. 2131.
 ——— *readi*. Broili, F. 2131.
 ——— *rotunda*. Broili, F. 2131.
 ——— *striata*. Broili, F. 2131.
- MYTILUS** [Pelecypoda].
 ——— *boldacci*. Scalia, S. 2575.
 ——— *nikitiniensis*. Il'ovaisky, D. 2347.
- NASSA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *greensboroensis*. Martin, G. C. 2441.
 ——— *gubernatoria*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
 ——— *migueli*. Peyrot. 2516.
 ——— *peraltoides*. Martin, G. C. 2441.
- NATICA** [Gastropoda].
 ——— *osculum*. Oppenheim, P. 2491.
 ——— *sertorum*. Oppenheim, P. 2491.
 ——— *sudetica*. Sturm, F. 2677.
- NATICELLA** [Gastropoda].
 ——— *bergeri*. Picard, E. 2520.
 ——— *tenuicostata*. Picard, E. 2520.

- NEOLOBITES** [Cephalopoda].
 ——— *choffati*. Hyatt, A. 2346.
 ——— *peroni*. Hyatt, A. 2346.
- NEOPTYCHITES** [Cephalopoda].
 ——— *crassus*. Solger, F. 2643.
 ——— *telingaeformis*. Solger, F. 2643.
- NERINEA** [Gastropoda].
 ——— *dobrudschensis*. Toulou, F. 2690.
 ——— *isteriana*. Toulou, F. 2690.
- NERITARIA** [Gastropoda].
 ——— *depressa*. Picard, E. 2520.
 ——— *magna*. Picard, E. 2520.
 ——— *prior*. Picard, E. 2520.
 ——— *sphaeroidica*. Picard, E. 2520.
- Nicklesia** n. gen. [Cephalopoda]. Hyatt, A. 2346.
 ——— *alicantensis*. Hyatt, A. 2346.
 ——— *lenticulata*. Hyatt, A. 2346.
- Nothamusi** n. gen. [Pelecypoda].
 ——— *radiatum*. Hind, W. 2328.
 ——— *transversum*. Hind, W. 2328.
- NUCULA** [Pelecypoda].
 ——— *degrangei*. Peyrot. 2516.
 ——— *perkeo*. Oppenheim, P. 2491.
- NUCULITES** [Pelecypoda].
 ——— *capensis*. Reed, F. R. C. 2546.
 ——— *colonius*. Reed, F. R. C. 2546.
 ——— *marialis*. Reed, F. R. C. 2546.
- OCHETOCERAS** [Cephalopoda].
 ——— *canaliculatoide*. Illovaisky, D. 2347.
- ODOSTOMIA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *mariana*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
- Oedania** n. gen. [Cephalopoda].
 ——— *delicata*. Buckman, S. S. 2150.
 ——— *falcigera*. Buckman, S. S. 2150.
 ——— *inflata*. Buckman, S. S. 2150.
 ——— *lepta*. Buckman, S. S. 2150.
 ——— *parvicostata*. Buckman, S. S. 2150.
- OLIVA** [Gastropoda].
 ——— *harrisi*. Martin, G. C. 2441.
- OJIVELLA** [Gastropoda].
 ——— *zintgrafi*. Oppenheim, P. 2491.
- OPIS** [Pelecypoda].
 ——— *busambrensis*. Scalia, S. 2575.
 ——— *tritycha*. Kittl, E. 2371.
- ORIOSTOMA** [Gastropoda].
 ——— *huntingtonensis*. Kindler, E. M. & Breger, C. L. 2370.
 ——— *huntingtonensis* var. *natum* n. var. Kindler, E. M. & Breger, C. L. 2370.
 ——— *plana*. Kindler, E. M. & Breger, C. L. 2370.
- ORTHO CERAS** [Cephalopoda].
 ——— *bokkeveldensis*. Reed, F. R. C. 2546.
 ——— *delphiensis*. Kindler, E. M. & Breger, C. L. 2370.
 ——— *gamkaensis*. Reed, F. R. C. 2546.
 ——— *kentlandensis*. Kindler, E. M. & Breger, C. L. 2370.
 ——— *vaageni*. Kittl, E. 2371.
- Osmanoceras** n. gen. [Cephalopoda].
 ——— *undulatum*. Kittl, E. 2371.
- OSTREA** [Pelecypoda].
 ——— *calceiformis*. Broili, F. 2131.
 ——— *choffati*. Oppenheim, P. 2491.
 ——— *drepanon*. Wollemann, A. 2745.
 ——— *helios*. Wollemann, A. 2745.
- PACHYCARDIA** [Pelecypoda].
 ——— *alunulata*. Kittl, E. 2371.
 ——— *pieningeri*. Broili, F. 2131.
- PACHYDISCUS** [Cephalopoda].
 ——— *laevicaniculatus*. Lasswitz, R. 2402.
- Paineia** n. gen. [Cephalopoda].
 ——— *Buckman*, S. S. 2150.
- PALAEONEILO** [Pelecypoda].
 ——— *subantiqua*. Reed, F. R. C. 2546.
- PANDORA** [Pelecypoda].
 ——— *arctica*. Dall, W. H. 2209.
 ——— *dodona*. Dall, W. H. 2209.
 ——— *lata*. Dall, W. H. 2209.
- PANOPAEA** [Pelecypoda].
 ——— *anatinoides*. Sturm, F. 2677.
 ——— *claviformis*. Sturm, F. 2677.

- PAPTRIDEA** [Pelecypoda].
 ——— *harrimani*. Dall, W. H. 2213.
- PAQUIERIA** [Cephalopoda].
 ——— *angulata*. Buckman, S. S. 2150.
 ——— *floccosa*. Buckman, S. S. 2150.
- PARALLELODON** [Pelecypoda].
 ——— *avguatus*. Hind, W. 2328.
 ——— *elongatus*. Hind, W. 2328.
- PARATISSOTIA** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
 ——— *regularis*. Hyatt, A. 2346.
- PATELLA** [Gastropoda].
 ——— *clathrata*. Scalia, S. 2575.
 ——— *ottomana*. Kittl, E. 2371.
- PEOTEN** [Pelecypoda].
 ——— *barthi*. Wolleemann, A. 2743.
 ——— *cancellana*. Kittl, E. 2371.
 ——— *de p stefani*. Ugolini, R. 2700.
 ——— *donigeri*. Michailovskij, G. P. 2460.
 ——— *grandiformis*. Ugolini, R. 2700.
 ——— *hilberi*. Michailovskij, G. P. 2460.
 ——— *josslingi* var. *superprofundus* n. var. Ugolini, R. 2700.
 ——— *kellneri*. Kittl, E. 2371.
 ——— *magneauritus*. Kittl, E. 2371.
 ——— *marginiplicatus*. Kittl, E. 2371.
 ——— *nigromagnus* Sacco var. *angusticostatus* n. var. Ugolini, R. 2700.
 ——— *prataensis*. Kittl, E. 2371.
 ——— *sarajevensis*. Kittl, E. 2371.
 ——— *subconcentricus*. Kittl, E. 2371.
 ——— *subcutiformis*. Kittl, E. 2371.
 ——— *trebevicianus*. Kittl, E. 2371.
- PERISPHINGOTES** [Cephalopoda].
 ——— *intercedens*. Illovalsky, D. 2347.
- PERNA** [Pelecypoda].
 ——— *casalensis*. Scalia, S. 2575.
- PHACOIDES** [Pelecypoda].
 ——— *actinus*. Dall, W. H. 2209.
 ——— *calhounensis*. Dall, W. H. 2209.

- PHACOIDES** [Pelecypoda].
 ——— *chipolanus*. Dall, W. H. 2209.
 ——— *domingensis*. Dall, W. H. 2209.
 ——— *glennii*. Dall, W. H. 2209.
 ——— *hamatus*. Dall, W. H. 2209.
 ——— *heracleus*. Dall, W. H. 2209.
 ——— *intensus*. Dall, W. H. 2209.
 ——— *ocalanus*. Dall, W. H. 2209.
 ——— *piluliformis*. Dall, W. H. 2209.
 ——— *podagrinus*. Dall, W. H. 2209.
 ——— *prunus*. Dall, W. H. 2209.
 ——— *quadricostatus*. Dall, W. H. 2209.
 ——— *recurrens*. Dall, W. H. 2209.
 ——— *sphaeriolus*. Dall, W. H. 2209.
 ——— *tilhonia*. Dall, W. H. 2209.
 ——— *tuomeyi*. Dall, W. H. 2209.
 ——— *uaccamaensis*. Dall, W. H. 2209.
 ——— *uacianus*. Dall, W. H. 2209.
- PHYLLOCERAS** [Cephalopoda].
 ——— *böckhi*. Prinz, G. 2535.
 ——— *borni*. Prinz, G. 2535.
 ——— *frechi*. Prinz, G. 2535.
 ——— *gajdrii*. Prinz, G. 2535.
 ——— *hintzai*. Prinz, G. 2535.
 ——— *lőcsyi*. Prinz, G. 2535.
 ——— *lőrentheii*. Prinz, G. 2535.
 ——— *perplanum*. Prinz, G. 2535.
 ——— *semseyi*. Prinz, G. 2535.
 ——— *szabó*. Prinz, G. 2535.
 ——— *trilabiatum*. Prinz, G. 2535.
- PISIDIUM** [Pelecypoda].
 ——— *costatum*. Sterki, V. 2667.
- PITARIA** [Pelecypoda].
 ——— *calcanes*. Dall, W. H. 2209.
 ——— *filosina*. Dall, W. H. 2209.
 ——— *floridana*. Dall, W. H. 2209.
 ——— *hillii*. Dall, W. H. 2209.
 ——— *opisthogrammata*. Dall, W. H. 2209.
- PLACENTICERAS** [Cephalopoda].
 ——— *crassatum*. Hyatt, A. 2346.
 ——— *depressum*. Hyatt, A. 2346.
 ——— *grossouvrei*. Hyatt, A. 2346.
 ——— *incisum*. Hyatt, A. 2346.
 ——— *kaffrarium*. Etheridge, R., jun. 2251.
 ——— *newberryi*. Hyatt, A. 2346.

- PLACENTIOERAS** [Cephalopoda].
 — *planum*. Hyatt, A. 2346.
 — *pseudorbignyianum*. Hyatt, A. 2346.
 — *sancarloense*. Hyatt, A. 2346.
 — *schlüteri*. Hyatt, A. 2346.
 — *spillmani*. Hyatt, A. 2346.
 — *stantoni*. Hyatt, A. 2346.
 — *unkwelanensis*. Etheridge, R., jun. 2251.
 — *whitfieldi*. Hyatt, A. 2346.
- PLATYGRAPHOCERAS** [Cephalopoda].
 — *carbatinum*. Buckman, S. S. 2150.
 — ? *compactum* n. nom. Buckman, S. S. 2150.
 — *latum*. Buckman, S. S. 2150.
- PLETHOMYTIUS** [Pelecypoda].
 — *cuneatus*. Kindle, E. M. and Breger, C. L. 2370.
- PLEURONATILUS** [Cephalopoda].
 — *pulcher*. Crick, G. C. 2204.
- Pleurophorella** n. gen. [Pelecypoda].
 — *Girty*, G. H. 2295.
 — *papillosa*. Girty, G. H. 2295.
- PLEUROTOMA** [Gastropoda].
 — *calvertensis*. Martin, G. C. 2441.
 — *camerunensis*. Oppenheim, P. 2491.
 — *choptankensis*. Martin, G. C. 2441.
 — *communis* var. *protocommunis* n. var. Martin, G. C. 2441.
 — *granti*. Pritchard, G. B. 2536.
 — *murrayana*. Pritchard, G. B. 2536.
 — *selwyni*. Pritchard, G. B. 2536.
 — *selwyni* var. *laevis* n. var. Pritchard, G. B. 2536.
 — *curiana*. Oppenheim, P. 2491.
- PLEUROTOMARIA** [Gastropoda].
 — *eloroidea*. Kindle, E. M. and Breger, C. L. 2370.
 — *weissermeli*. Wollemaann, A. 2744.
- PLEYDELLIA** [Cephalopoda].
 — *comata*. Buckman, S. S. 2150.
- POROMYA** [Pelecypoda].
 — *jamaicensis*. Dall, W. H. 2209.
- POSIDONIELLA** [Pelecypoda].
 — *sulcata*. Hind, W. 2328.
- PROMATHILDA** [Gastropoda].
 — ? *permiana*. Kittl, E. 2371.
- Promyalina** n. gen. [Pelecypoda].
 — Kittl, E. 2371.
 — *hindi*. Kittl, E. 2371.
- PROSPONDYLUS** [Pelecypoda].
 — *crassus*. Broili, F. 2131.
 — *palliatu*s. Broili, F. 2131.
 — *zimmermanni*. Broili, F. 2131.
- PROTENGONOCERAS** [Cephalopoda].
 — *planum*. Hyatt, A. 2346.
- PROTOCARDIUM** [Pelecypoda].
 — *hillanum* var. *unkwelanensis* n. var. Etheridge, R., jun. 2251.
- PROTORCULA** [Gastropoda].
 — *bosniaca*. Kittl, E. 2371.
 — *lissotropis*. Picard, E. 2520.
 — *punctata*. Picard, E. 2520.
- PROTOTHACA** [Pelecypoda].
 — *grevingkii*. Dall, W. H. 2213.
- PSAMMOBIA** [Pelecypoda].
 — *gubernatoria*. Glenn, L. C. 2296.
- Pseudaspidoceras** n. gen. [Cephalopoda].
 — Hyatt, A. 2346.
- Pseudocucullaea** n. gen. [Pelecypoda].
 — Solger, F. 2642.
 — *incisa*. Solger, F. 2642.
 — *lens*. Solger, F. 2642.
 — *obliqua*. Solger, F. 2642.
- PSEUDOGRAMMOCERAS** [Cephalopoda].
 — *obesum*. Buckman, S. S. 2150.
 — *pedicum* n. nom. Buckman, S. S. 2150.
 — *regale*. Buckman, S. S. 2150.
- PSEUDOGRAPHOCERAS** [Cephalopoda].
 — ? *cariniferum*. Buckman, S. S. 2150.
 — *deletum*. Buckman, S. S. 2150.
 — *limatum*. Buckman, S. S. 2150.
 — *litteratum*. Buckman, S. S. 2150.

- PSEUDOLIOCERAS** [Cephalopoda].
 ——— *dumortieri* n. nom. Buckman, S. S. 2150.
 ——— *gradatum* n. nom. Buckman, S. S. 2150.
- PSEUDOLIVA** [Gastropoda].
 ——— *coniformis*. Oppenheim, P. 2491.
 ——— *cacchi*. Oppenheim, P. 2491.
 ——— *schiceinfurthi*. Oppenheim, P. 2491.
- PSEUDOTISSOTIA** [Cephalopoda].
 ——— *philippii*. Solger, F. 2643.
 ——— *seguis*. Solger, F. 2641.
 ——— ? *tunisiensis*. Hyatt, A. 2346.
- PTERINOPEOTEN** [Pelecypoda].
 ——— *carbonarius*. Hind, W. 2328.
 ——— *pustulosus*. Hind, W. 2328.
- PULCHHELLIA** [Cephalopoda].
 ——— *nichlesi*. Hyatt, A. 2346.
- PYRULA** [Gastropoda].
 ——— *harrisi*. Martin, G. C. 2441.
- RAPANA** [Gastropoda].
 ——— *gracillima*. Wollemaun, A. 2744.
- RETUSA** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- REYNESSELLA** [Cephalopoda].
 ——— *inops*. Buckman, S. S. 2150.
 ——— *juncta*. Buckman, S. S. 2150.
 ——— ? *lineata*. Buckman, S. S. 2150.
 ——— ? *rodburgensis*. Buckman, S. S. 2150.
- REYNESIA** [Cephalopoda].
 ——— *amoena*. Buckman, S. S. 2150.
 ——— *benigna*. Buckman, S. S. 2150.
 ——— *furcillata*. Buckman, S. S. 2150.
- RHABDOCONCHA** [Gastropoda].
 ——— *fritschii*. Picard, E. 2520.
- Rhaeboceras** n. gen. [Cephalopoda].
 ——— *tortum*. Buckman, S. S. 2150.
- Rhopalithes** n. gen. [Gastropoda].
 ——— Grabau, A. W. 2301.
 ——— *clavelloides*. Grabau, A. W. 2301.
 ——— *rugoides*. Grabau, A. W. 2301.
 ——— *tuberculoidea*. Grabau, A. W. 2301.
- Rissoa** [Gastropoda].
 ——— *marylandica*. Martin, G. C. 2441.
- ROMERO CERAS** [Cephalopoda].
 ——— *gabri*. Hyatt, A. 2346.
 ——— *subplanum*. Hyatt, A. 2346.
- SANGUINOLITES** [Pelecypoda].
 ——— *bellerophonitum*. Kittl, E. 2371.
 ——— *monensis*. Hind, W. 2328.
- SAXIDOMUS** [Pelecypoda].
 ——— *popoffianus*. Dall, W. H. 2213.
- SOALA** [Gastropoda].
 ——— *calvertensis*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
 ——— *prunicola*. Martin, G. C. 2441.
 ——— *reticulata*. Martin, G. C. 2441.
- SOHLOENBACHIA** [Cephalopoda].
 ——— *evae*. Lasswitz, R. 2402.
 ——— *frecchi*. Lasswitz, R. 2402.
 ——— *kiliani*. Lasswitz, R. 2402.
 ——— *quattuornodosa*. Lasswitz, R. 2402.
 ——— *roemerii*. Lasswitz, R. 2402.
- Schlusterioceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
- Sharpeioceras** n. gen. [Cephalopoda].
 ——— Hyatt, A. 2346.
- SIPHONALIA** [Gastropoda].
 ——— ? *calvertana*. Martin, G. C. 2441.
 ——— *marylandica*. Martin, G. C. 2441.
- SONNERATIA** [Cephalopoda].
 ——— *supani*. Lasswitz, R. 2402.
- SPATHELLA** [Pelecypoda].
 ——— *tumida* n. nom. Hind, W. 2328.

- SPHAERULITES** [Pelecypoda].
 ————— *dobrudschensis*. Toulas, F. 2690.
- SPHENIOPSIS** [Pelecypoda].
 ————— *americana*. Dall, W. H. 2209.
- SPHENODISCHUS** [Cephalopoda].
 ————— *beecheri*. Hyatt, A. 2346.
 ————— *konincki*. Hyatt, A. 2346.
 ————— *stantoni*. Hyatt, A. 2346.
- SPIRULIROSTRA** [Cephalopoda].
 ————— *sajnochae*. Wójcik, K. 2740.
- SPISULA** [Pelecypoda].
 ————— *callistaeformis*. Dall, W. H. 2213.
 ————— *chesapeakeensis*. Glenn, L. C. 2296.
- SPORELLA** [Pelecypoda].
 ————— *patuxentia*. Glenn, L. C. 2296.
 ————— *recessa*. Glenn, L. C. 2296.
- STOKESIA** n. gen. [Cephalopoda].
 ————— Buckman, S. S. 2150.
 ————— *marmorea*. Buckman, S. S. 2150.
 ————— *subacuta*. Buckman, S. S. 2150.
- STREBLOPTERIA** [Pelecypoda].
 ————— *concentrica*. Hind, W. 2328.
- STREPTOMYTIUS** n. gen. [Pelecypoda].
 ————— Kindel, E. M. & Breger, C. L. 2370.
 ————— *wabashensis*. Kindel, E. M. & Breger, C. L. 2370.
- STYLIOLA** [Gastropoda].
 ————— *fissurella* var. *multistriata* n. var. Chapman, F. 2174.
- STYRACOCERAS** n. gen. [Cephalopoda].
 ————— Hyatt, A. 2346.
- SUBPULCHELLIA** n. gen. [Cephalopoda].
 ————— Hyatt, A. 2346.
 ————— *castellanaensis*. Hyatt, A. 2346.
- SUBTISSOTIA** n. gen. [Cephalopoda].
 ————— Hyatt, A. 2346.
 ————— *peroni*. Hyatt, A. 2346.
- SURCULA** [Gastropoda].
 ————— *mariana*. Martin, G. C. 2441.
- SYCUM** [Gastropoda].
 ————— *bulbiforme*. Oppenheim, P. 2491.
- SYMOLA** [Gastropoda].
 ————— *africana*. Oppenheim, P. 2491.
- TAPES** [Pelecypoda].
 ————— *vetuloides*. Michailovskij, G. P. 2400.
- TECTOSPIRA** n. gen. [Gastropoda].
 ————— Picard, E. 2520.
 ————— *chopi*. Picard, E. 2520.
- TEXTURA** [Gastropoda].
 ————— *pissaroi*. Peyrot. 2516.
- TEGOCERAS** n. gen. [Cephalopoda].
 ————— Hyatt, A. 2346.
- TEINOSTOMA** [Gastropoda].
 ————— *calvertense*. Martin, G. C. 2441.
 ————— *greensboroense*. Martin, G. C. 2441.
- TEMNOTROPIS** [Gastropoda].
 ————— *eredneri*. Picard, E. 2520.
- TENTACULITES**.
 ————— *baini*. Reed, F. R. C. 2546.
 ————— *matlockensis*. Chapman, F. 2174.
- TEREBRA** [Gastropoda].
 ————— *curvilineata* var. *calvertensis* n. var. Martin, G. C. 2441.
 ————— *curvilineata* var. *dalli* n. var. Martin, G. C. 2441.
 ————— *curvilineata* var. *ichfieldi* n. var. Martin, G. C. 2441.
 ————— *patuxentia*. Martin, G. C. 2441.
- TETRAGONITES** n. gen. [Cephalopoda].
 ————— Kittl, E. 2371.
 ————— *grimmeri*. Kittl, E. 2371.
- THECODONTA** [Pelecypoda].
 ————— *calvertensis*. Glenn, L. C. 2296.
- THRACIA** [Pelecypoda].
 ————— *curiana*. Oppenheim, P. 2491.
- TISSOTIA** [Cephalopoda].
 ————— *globosa*. Hyatt, A. 2346.
 ————— *latelobata*. Solger, F. 2643.
 ————— *polygona*. Solger, F. 2643.
- TIVELA** [Pelecypoda].
 ————— *jamaicensis*. Dall, W. H. 2209.
- TMETOCERAS** [Cephalopoda].
 ————— *katzeri*. Beck, H. 2102.

- Tolypeoceras** n. gen. [Cephalopoda].
Hyatt, A. 2348.
- TOXOLIO CERAS** [Cephalopoda].
—— *incisum*. Buckman, S. S. 2150.
—— *mundum*. Buckman, S. S. 2150.
—— *tenerum*. Buckman, S. S. 2150.
- TRACHYOCERAS** [Cephalopoda].
—— *hyatti*. Smith, J. P. 2639.
—— *shastense*. Smith, J. P. 2639.
- TRANSENNELLA** [Pelecypoda].
—— *caloosana*. Dall, W. H. 2209.
—— *carolinensis*. Dall, W. H. 2209.
—— *chipolana*. Dall, W. H. 2209.
—— *santarosana*. Dall, W. H. 2209.
—— *utica*. Dall, W. H. 2209.
- TRIGONIA** [Pelecypoda].
—— *glaciaria*. Sturm, F. 2677.
—— *umkwelanensis*. Etheridge, R., jun. 2251.
- TRIMERO CERAS** [Cephalopoda].
—— *gilberti*. Kindle, E. M. & Breger, C. L. 2370.
- TROCHITA** [Gastropoda].
—— *alaskana*. Dall, W. H. 2213.
- TROCHOTOMA** [Gastropoda].
—— *di-stefanoi*. Scalia, S. 2575.
- TROCHUS** [Gastropoda].
—— *lüneburgensis*. Wollemaann, A. 2745.
- TROPHON** [Gastropoda].
—— *chesapeakeanus*. Martin, G. C. 2441.
—— *liassicum*. Scalia, S. 2575.
—— *tetricus* var. *laevis* n. var. Martin, G. C. 2441.
- Tropidocyclos** n. subgen. [Pelecypoda].
Dall, W. H. 2210.
- TROPITES** [Cephalopoda].
—— *dilleri*. Smith, J. P. 2639.
- TRYFANOSTYLUS** [Gastropoda].
—— *cylindricus*. Picard, E. 2520.
—— *rectilineatus*. Picard, E. 2520.
- TUDICLA** [Gastropoda].
—— *beushauseni*. Wollemaann, A. 2743.
—— *subcarinata*. Sturm, F. 2677.
- TURBO** [Gastropoda].
—— *hamiltonensis*. Pritchard, G. B. 2536.
- TURBONILLA** [Gastropoda].
—— *gubernatoria*. Martin, G. C. 2441.
- TURRILITES** [Cephalopoda].
—— *peramplus*. Laswits, R. 2402.
—— *wynogoraktii*. Laswits, R. 2402.
- TURRITELLA** [Gastropoda].
—— *bicostata*. Illovatsky, D. 2347.
—— *divisa*. Illovatsky, D. 2347.
—— *eachi*. Oppenheim, P. 2491.
—— *josephii*. Scalia, S. 2575.
—— ? *koeneni*. Picard, E. 2520.
—— *liocaviensis*. Picard, E. 2520.
—— ? *polithica*. Picard, E. 2520.
—— *sokolovi*. Michailovskij, G. P. 2460.
—— *striata*. Picard, E. 2520.
- UNDULARIA** [Gastropoda].
—— *convexa*. Picard, E. 2520.
—— *duz*. Picard, E. 2520.
—— *tenuicarinata*. Picard, E. 2520.
- VACEKIA** [Cephalopoda].
—— *stephensi*. Buckinan, S. S. 2150.
- VENERICARDIA** [Pelecypoda].
—— *acaris*. Dall, W. H. 2209.
—— *bulia*. Dall, W. H. 2209.
—— *californica*. Dall, W. H. 2209.
—— *carsonensis*. Dall, W. H. 2209.
—— *castrana*. Glenn, L. C. 2296.
—— *greggiana*. Dall, W. H. 2209.
—— *hadra*. Dall, W. H. 2209.
—— *himerta*. Dall, W. H. 2209.
—— *nasuta*. Dall, W. H. 2209.
—— *praecisa*. Dall, W. H. 2209.
—— *scitula*. Dall, W. H. 2209.
—— *simplex*. Dall, W. H. 2209.
—— *tellia*. Dall, W. H. 2209.
—— *ricksburgiana*. Dall, W. H. 2209.
—— *wilcozensis*. Dall, W. H. 2209.

VENUS [Pelecypoda].

- *sudetica*. Sturin, F. 2677.
 — *ukrainica*. Michailovskij,
 G. P. 2460.

VERTICORDIA [Pelecypoda].

- *boudenensis*. Dall, W. H.
 2209.
 — *cossmanni*. Dall, W. H.
 2209.
 — *jamaicensis*. Dall, W. H.
 2209.

VOLVULA [Gastropoda].

- *iota* var. *calverti* n. var.
 Martin, G. C. 2441.
 — *iota* var. *diminuta* n. var.
 Martin, G. C. 2441.
 — *iota* var. *marylandica* n. var.
 Martin, G. C. 2441.
 — *iota* var. *putuzentia* n. var.
 Martin, G. C. 2441.

WALKERIA [Cephalopoda].

- *delicata*. Buckman, S. S.
 2150.

WHITTELLA [Pelecypoda].

- ? *siluriana*. Kindle, E. M.
 & Breger, C. L. 2370.

WILTSHIREIA n. gen. [Cephalopoda].

Buckman, S. S. 2150.

WORTHENIA [Gastropoda].

- *dyadica*. Kittl, E. 2371.
 — *elator*. Picard, E. 2520.
 — *fritschi*. Picard, E. 2520.
 — *laevis*. Picard, E. 2520.

YOLDIA [Pelecypoda].

- *breweri*. Dall, W. H. 2213.
 — *emersonii*. Dall, W. H.
 2213.
 — *palachei*. Dall, W. H.
 2213.

2431 ARTHROPODA.

ARCHOBLATTINA n. nom. [Orthopteroidea].

Sellards, E. H. 2611.

CYCLONOTUM [Coleoptera].

- *muelleri*. Meunier, F.
 2454.

ETOBLATTINA [Orthopteroidea].

- *coriacea*. Sellards, E. H.
 2613.
 — *juvencis*. Sellards, E. H.
 2613.

GERABlattINA [Orthopteroidea].

- *arcuata*. Sellards, E. H.
 2613.

MYLACRIS [Orthopteroidea].

- *anceps*. Sellards, E. H.
 2613.

PALAEONTINA [Hemipteroidea].

- *ridali*. Meunier, F. 2456.

SCHIZOBLATTINA n. gen. [Orthopteroidea].

- *Sellards*, E. H. 2613.
 — *multinervia*. Sellards, E. H.
 2613.

STENOPTERA n. gen. [Dipteroidea].

- *Meunier*, F. 2455.
 — *mufferi*. Meunier, F. 2455.

2631 CRUSTACEA.

AECHEMINA [Ostracoda].

- *jonesi*. Chapman, F. 2174.

APTYCHOPSIS [Phyllocarida].

- *victoriae*. Chapman, F.
 2174.

ARCHAEOLEPAS [Cirripedia].

- *neptunus*. Scalia, S. 2575.

CANCER [Decapoda].

- *frasi*. Lörentz, I. 2409.
 — *bittneri*. Toulou, F. 2691.

CERATIOCARIS [Phyllocarida].

- *pritchardi*. Chapman, F.
 2174.

CYPRIDINA [Ostracoda].

- *antigua*. Jones, T. R.
 2360.

CYTHERE [Ostracoda].

- *burnsi*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *calverti*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *clarkana*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *clarkana* var. *minuscule*
 n. var. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *corrota* var. *grossipunctata*
 n. var. Chapman, F.
 2172.
 — *dorsicornis*. Ulrich, E. O.
 & Bassler, R. S. 2703.
 — var. *bicornis*
 n. var. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *drupacea* var. *fortior* n. var.
 Chapman, F. 2172.
 — *evax*. Ulrich, E. O. &
 Bassler, R. S. 2703.
 — *evax* var. *oblongula* n. var.
 Ulrich, E. O. & Bassler,
 R. S. 2703.
 — *ezanthemata*. Ulrich, E. O.
 & Bassler, R. S. 2703.

- CYTHERE** [Ostracoda].
 — *francoeca*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *inaequivalvis*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *lienenklauisi*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *lobulata*. Chapman, F. 2172.
 — *martini*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *micula*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *nitidula*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *nitidula* var. *calvertensis* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
 — *paucipunctata*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *planibasis*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *plebeia*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *plebeia* var. *capax* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
 — *plebeia* var. *modica* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
 — *porcella*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *producta*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *punctistriata*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *rugipunctata*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *shattucki*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *spiniplicata*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *subotalis*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *tuomeyi*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *vaughani*. Ulrich, E. O. & Bassler, R. S. 2703.
- CYTHEREIS** [Ostracoda].
 — *alaris*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *cornula* var. *americana* n. var. Ulrich, E. O. & Bassler, R. S. 2703.
- CYTHEREIDA** [Ostracoda].
 — ? *chesapeakeensis*. Ulrich, E. O. & Bassler, R. S. 2703.
- CYTHEREIDEA** [Ostracoda].
 — *longicaudata*. Chapman, F. 2171.
 — *subosata*. Ulrich, E. O. & Bassler, R. S. 2703.
- CYTHEREIDES** [Ostracoda].
 — *ashermanni*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *cylindrica*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *longula*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *semicircularia*. Ulrich, E. O. & Bassler, R. S. 2703.
 — *subaequalis*. Ulrich, E. O. & Bassler, R. S. 2703.
- CYTHEROPTERON** [Ostracoda].
 — *australensis*. Chapman, F. 2172.
 — *elongato-concentrum*. Chapman, F. 2171.
 — *nodosum*. Ulrich, E. O. & Bassler, R. S. 2703.
- DITHYROCARIS** [Phyllocarida].
 — *praeceox*. Chapman, F. 2174.
- ENTOMIS** [Ostracoda].
 — *prosephina*. Loomis, F. B. 2418.
- HEPATINULUS** [Decapoda].
 — *louisatoi*. Lörenthey, I. 2409.
- LAMBROPSIS** n. gen. Lörenthey, I. 2409.
 — *wanneri*. Lörenthey, I. 2409.
- LOXOCONCHA** [Ostracoda].
 — *elongata*. Chapman, F. 2172.
 — *jurassica*. Chapman, F. 2172.
- MACROCYPRIIS** [Ostracoda].
 — *flexuosa*. Chapman, F. 2174.
- MACROPTALMUS** [Decapoda].
 — *granulosus*. Man, J. G. de. 2437.
- METOPOXANTHO** n. gen. [Decapoda]. Man, J. G. de. 2437.
 — *martini*. Man, J. G. de. 2437.
- MICROCYSTES** n. gen. [Decapoda]. Lörenthey, I. 2409.
 — *latifrons*. Lörenthey, I. 2409.
- MICROMAJA** [Decapoda].
 — *laevis*. Lörenthey, I. 2409.

PAGURUS [Decapoda].
 — *mesi*. Lörenthey, I. 2409.

Paradoxorhyncha n. gen. [Ostracoda].
 — Chapman, F. 2172.
 — *foveolata*. Chapman, F. 2172.

PLAGIOLOPHUS [Decapoda].
 — *markgrafi*. Lörenthey, I. 2409.

PRIMITIA [Ostracoda].
 — *halli*. Chapman, F. 2174.
 — *semicultrata*. Chapman, F. 2174.

SCALPELLUM [Cirripedia].
 — *crystallinum*. Scalia, S. 2575.

TYPILOBUS [Decapoda].
 — *trispinosus*. Lörenthey, I. 2409.

XESTOLEBERIS [Ostracoda].
 — *holliana*. Chapman, F. 2174.
 — *lilydalensis*. Chapman, F. 2174.
 — *urrightii* var. *oblonga* n. var. Chapman, F. 2174.

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

AGNOSTUS [Trilobita].
 — *gibbus* var. *schiptzii* n. var. Brogger, W. C. 2129.
 — *koerferi*. Monke, H. 2462.

BRONTEOPSIS [Trilobita].
 — *ardmillanensis*. Reed, F. R. C. 2548.

BRONTEUS [Trilobita].
 — *craigensis*. Reed, F. R. C. 2548.
 — *grayi*. Reed, F. R. C. 2548.

DALMANITES [Trilobita].
 — *lunatus*. Lake, P. 2391.

DREPANURA [Trilobita].
 — *ketteleri*. Monke, H. 2462.

ENCRINURUS [Trilobita].
 — *indianensis*. Kindle, E. M. & Breger, C. L. 2370.

EURYPTERUS [Eurypterida].
 — *pittsfordensis*. Searle, C. J. 2602.

HOMALONOTUS [Trilobita].
 — *colonus*. Lake, P. 2391.
 — *quernus*. Lake, P. 2391.

Hughmilleria n. gen. [Eurypterida].
 — Searle, C. J. 2602.
 — *socialis*. Searle, C. J. 2602.
 — *socialis* var. *robusta* n. var. Searle, C. J. 2602.

ILLAENUS [Trilobita].
 — *balclatchiensis*. Reed, F. R. C. 2548.
 — *extensus*. Reed, F. R. C. 2548.
 — *shallochensis*. Reed, F. R. C. 2548.

Linostracina n. gen. [Trilobita].
 — Monke, H. 2462.
 — *krausei*. Monke, H. 2462.

PHACOPS [Trilobita].
 — *arbutus*. Lake, P. 2391.
 — *brevissimus*. Drevermann, F. 2231.
 — *ocellus*. Lake, P. 2391.
 — *impressus*. Lake, P. 2391.
 — *lotsi*. Drevermann, F. 2231.
 — *miserrimus*. Drevermann, F. 2231.
 — *pupillus*. Lake, P. 2391.
 — *robertsi*. Reed, F. R. C. 2547.
 — *sulcatus*. Drevermann, F. 2231.

PHILLIPSIA [Trilobita].
 — *bittneri*. Kittl, E. 2371.

PRESTWICHIA [Xiphosura].
 — *signata*. Beecher, C. E. 2103.

PROETUS [Trilobita].
 — *? cariniacus*. Drevermann, F. 2231.
 — *? dillensis*. Drevermann, F. 2231.
 — *malacus*. Lake, P. 2391.
 — *pseudo-latifrons*. Reed, F. R. C. 2548.

PTERYGOTUS [Eurypterida].
 — *monroensis*. Searle, C. J. 2602.

Stephanocare n. gen. [Trilobita].
 — Monke, H. 2462.
 — *richthofeni*. Monke, H. 2462.

Teinistion n. gen. [Trilobita].
 — Monke, H. 2462.
 — *lansii*. Monke, H. 2462.
 — *sodeni*. Monke, H. 2462.

3031 ARACHNIDA.

Eoscorpium [Scorpiones].

- _____ *sparthensis*. Baldwin, W. &
Sutcliffe, W. H. 2092 and
2093.

5431 PISCES.

Acanthias [Selachii].

- _____ *geslongensis*. Chapman, F.
& Pritchard, G. B. 2175.

Bothriolepis [Arthrodira].

- _____ *coloradensis*. Eastman, C. R.
2239.

Caranx [Actinopterygii].

- _____ *petrodavas*. Simionescu, J.
2635.

Carcharias [Selachii].

- _____ *collata*. Eastman, C. R.
2242.

- _____ *incidens*. Eastman, C. R.
2242.

Carcharodon [Selachii].

- _____ *humilis*. Koch, A. 2379.

Cestracion [Selachii].

- _____ *cainozoicus*. Chapman, F. &
Pritchard, G. B. 2175.

Coelacanthus [Crossopterygii].

- _____ *summiti*. Wellburn, E. D.
2726.

Diplomystus [Actinopterygii].

- _____ *marmorensis*. Woodward,
A. S. 2756.

Edestus [Selachii].

- _____ *triserratus*. Newton, E. T.
2471.

Elonichthys [Actinopterygii].

- _____ *ornatus*. Wellburn, E. D.
2726.

Elopopsis [Actinopterygii].

- _____ *smith-woodwardi*. Bayer, F.
2101.

Fajumia n. gen. [Actinopterygii].

- _____ Stomer, E. 2673.
_____ *schweinfurthi*. Stomer, E.
2673.

Gadus [Actinopterygii].

- _____ *pannonicus*. Koch, A. 2378.

Galrocerdo [Selachii].

- _____ *triqueter*. Eastman, C. R.
2242.

Gomus [Actinopterygii].

- _____ *elongatus*. Simionescu, J.
2635.

Gyracanthides n. gen. [Acanthodii].

- Woodward, A. S. 2751.

Hoplopteryx [Actinopterygii].

- _____ *brevia*. Bayer, F. 2101.

Ischyodus [Chimaeroidei].

- _____ *bohemicus*. Bayer, F. 2101.

Krambergeria n. gen. [Actinopterygii].

- Simionescu, J. 2635.
_____ *lanceolata*. Simionescu, J.
2635.

Lamna [Selachii].

- _____ *macrura* var. *hungarica* n.
var. Koch, A. 2379.

Lates [Actinopterygii].

- _____ *pliocenus*. Koch, A. 2378.

Myliobatis [Selachii].

- _____ *frangens*. Eastman, C. R.
2242.

Notidanus [Selachii].

- _____ *diffusidens* n. form. Koch, A.
2380.

- _____ *jenningsi*. Chapman, F. &
Pritchard, G. B. 2175.

Otolithus.

- _____ *coffea*. Wolleemann, A. 2744.

Parelops n. gen. [Actinopterygii].

- Bayer, F. 2101.
_____ *prazakii*. Bayer, F. 2101.

Rhadinichthys [Actinopterygii].

- _____ *elegans*. Wellburn, E. D.
E. D. 2726.

Rhynchodus [Chimaeroidei].

- _____ *pertenuis*. Eastman, C. R.
2240.

Schizospondylus n. gen. [Actinopterygii].

- Bayer, F. 2101.
_____ *dubius*. Bayer, F. 2101.

Serranus [Actinopterygii].

- _____ *cretaceus*. Bayer, F. 2101.

Socnopaea n. gen. [Actinopterygii].

- Stomer, E. 2673.
_____ *grandis*. Stomer, E. 2673.

Sphyraenodus [Actinopterygii].

- _____ *hexagonalis*. Koch, A. 2378.

Squatina [Selachii].

- _____ *occidentalis*. Eastman, C. R.
2242.

Syngnathus [Actinopterygii].

- _____ *cosmoricii*. Simionescu, J.
2635.

- TACHYNEOTES** [Actinopterygii].
 ——— *vinarensis*. Bayer, F. 2101.
- TORPEDO** [Selachii].
 ——— *hilgendorfi*. Jackel, O. 2353.
- 5631 REPTILIA AND BATRACHIA.**
- Algoasaurus** n. gen. [Dinosauria].
 Broom, R. 2146.
 ——— *bauri*. Broom, R. 2146.
- Aphaneramma** n. gen. [Stegocephalia].
 Woodward, A. S. 2754.
 ——— *rostratum*. Woodward, A. S. 2754.
- ASPIDERETES** [Chelonia].
 ——— *bescheri*. Hay, O. P. 2323.
- Aspidosaurus** n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *chiton*. Broili, F. 2132.
- BAENA** [Chelonia].
 ——— *callosa*. Hay, O. P. 2322.
 ——— *cephalica*. Hay, O. P. 2323.
 ——— *hatcheri*. Hay, O. P. 2321.
 ——— *marshi*. Hay, O. P. 2323.
- CAPITOSAURUS** [Stegocephalia].
 ——— *stantonensis*. Woodward, A. S. 2754.
- Cardiocephalus** n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *sternbergi*. Broili, F. 2132.
- CHRYSEMYS** [Chelonia].
 ——— *inornata*. Loomis, F. B. 2419.
- CLEMYS** [Chelonia].
 ——— *guntiana*. Roger, O. 2561.
- CROCODILUS** [Crocodilia].
 ——— *prenasalis*. Loomis, F. B. 2419.
- CYCLOTOSAURUS** [Stegocephalia].
 ——— *albertyni*. Broom, R. 2143.
- DIPLOCAULUS** [Stegocephalia].
 ——— *copei*. Broili, F. 2132.
 ——— *pusillus*. Broili, F. 2132.
- GAFSACHELUS** [Chelonia].
 ——— *phosphatica*. Stefano (De), G. 2660.
- Gephyrostegus** n. gen. Jaekel, O. 2350.
 ——— *bohemicus*. Jaekel, O. 2350.
- Glanosuchus** n. gen. [Anomodontia].
 Broom, R. 2134.
 ——— *macrops*. Broom, R. 2134.
- HADRIANUS** [Chelonia].
 ——— *majusculus*. Hay, O. P. 2323.
- ICHTHYOSAURUS** [Ichthyopterygia].
 ——— *extremus*. Boulenger, G. A. 2126.
- METOPOSAURUS** [Stegocephalia].
 ——— *fraasi*. Lucas, F. A. 2426.
- Notochampsia** n. gen. [Crocodilia].
 Broom, R. 2147.
 ——— *istedana*. Broom, R. 2147.
- OPHISAURUS** [Squamata].
 ——— *ulmensis*. Gerhardt, K. 2290.
- Opisthoctenodon** n. gen. [Anomodontia].
 Broom, R. 2137.
 ——— *agilis*. Broom, R. 2137.
- OSTEOPTYGIS** [Chelonia].
 ——— *gibbi*. Wieland, G. R. 2731.
- UDENODON** [Anomodontia].
 ——— *megalorhinus*. Broom, R. 2144.
 ——— *trigoniceps*. Broom, R. 2138.
- Flaceras** n. gen. [Anomodontia].
 Lucas, F. A. 2426.
 ——— *hesternus*. Lucas, F. A. 2426.
- PLIOSAURUS** [Sauropterygii].
 ——— ? *phosphaticus*. Stefano (De), G. 2660.
- Pristerognathus** n. gen. [Anomodontia].
 Broom, R. 2134.
 ——— *baini*. Broom, R. 2134.
- Prodicynodon** n. gen. [Anomodontia].
 Broom, R. 2137.
 ——— *pearstonensis*. Broom, R. 2137.
- PROPLEURA** [Chelonia].
 ——— *borealis*. Wieland, G. R. 2731.
- Ptychocynodon** n. gen. [Anomodontia].
 Seeley, H. G. 2604.
 ——— *pentangulatus*. Seeley, H. G. 2604.
- PTYCHOGASTER** [Chelonia].
 ——— *reinachi*. Roger, O. 2561.
- Scapanodon** n. gen. [Anomodontia].
 Broom, R. 2145.
 ——— *duplessisi*. Broom, R. 2145.
- Seymouria** n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *baylorensis*. Broili, F. 2132.

- STEGOMUS** [Crocodilia].
 ——— *longipes*. Emerson, B. K. &
 Loomis, F. B. 2249.
TAMBOERIA n. gen. Seeley, H. G. 2605.
 ——— *maraisi*. Seeley, H. G.
 2605.
TESTUDO [Chelonis].
 ——— *syrmensis*. Koch, A. 2378.
VARANOSAURUS n. gen. [Stegocephalia].
 Broili, F. 2132.
 ——— *acutirostris*. Broili, F.
 2132.

5631 AVES.

- REMOPERUS** n. gen. [Ratitae].
 Andrews, C. W. 2077.
 ——— *cocanus*. Andrews, C. W.
 2077.

6031 MAMMALIA.

- ARCHAEOPTEROPUS** [Chiroptera].
 ——— *transiens*. Meschinelli, L.
 2453.
GENIOHYUS n. gen. [Ungulata].
 Andrews, C. W. 2074.
 ——— *fajumensis*. Andrews, C. W.
 2074.
 ——— *major*. Andrews, C. W.
 2074.
 ——— *mirus*. Andrews, C. W.
 2074.
HYOPSODUS [Primates].
 ——— *marahi*. Osborn, H. F.
 2493.
 ——— *uintensis*. Osborn, H. F.
 2493.
 ——— *wortmani*. Osborn, H. F.
 2493.
LUTREOLA [Carnivora].
 ——— *macrodon*. Prentiss, D. W.
 2529.

- MEGALONYX** [Ungulata].
 ——— *minor*. Andrews, C. W.
 2074.
METACHEIROMYS n. gen. [Primates].
 Wortman, J. L. 2761.
 ——— *marshi*. Wortman, J. L.
 2761.
MICROSTOPS [Primates].
 ——— *schlosseri*. Wortman, J. L.
 2761.
MOERITHERIUM [Ungulata].
 ——— *trigodon*. Andrews, C. W.
 2074.
NOTHAROTUS [Primates].
 ——— *venticulus*. Osborn, H. F.
 2403.
OLBODOTES n. gen. [Rodentia].
 ——— Osborn, H. F. 2493.
 ——— *coppi*. Osborn, H. F. 2493.
OMOMYS [Primates].
 ——— *amphini*. Wortman, J. L.
 2761.
PALAEOMASTODON [Ungulata].
 ——— *minor*. Andrews, C. W.
 2074.
PRISCODELPHINUS [Cetacea].
 ——— *crassaangulum*. Case, E. C.
 2165.
PROTOCETUS n. gen. [Cetacea].
 ——— Fraas, E. 2272.
 ——— *atavus*. Fraas, E. 2272.
PTEBODON [Carnivora].
 ——— *macrognathus*. Andrews,
 C. W. 2074.
RONZOTHERIUM [Ungulata].
 ——— *reichenau*. Deninger, E.
 2219.
SAGHATHERIUM [Ungulata].
 ——— *magnum*. Andrews, C. W.
 2074.
SMILODectes n. gen. [Primates].
 ——— Wortman, J. L. 2761.
ZEUGLODON [Cetacea].
 ——— *isis*. Andrews, C. W. 2074.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der kgl. preuss. Akademie der Wissenschaften hrsg. v. A[dolf] Engler. H. 16-19. Leipzig (W. Engelmann), 1903, (20 + 66 + 12 + 326 + 124 + 149, mit 2 Karten). 26 cm. 18 M., 6,20 M., 7,60 M.

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Olerici, Enrico. Sui resti di conifere del Monte Amiata. Roma, Boll. Soc. geol. ital., 22, 1903, (523-534, con fig.).

Pampaloni, Luigi. Sopra alcuni legni silicizzati del Piemonte. Roma, Boll. Soc. geol. ital., 22, 1903, (535-548, con fig.).

ik Austria-Hungary.

Mogan, Leopold. Untersuchungen über eine fossile Conifere. Wien, Sitzber. Ak. Wiss., Abth. I, 112, 1903, (829-840, mit 1 Taf.).

90.7400 ALGAE.

g NORTH AMERICA.

gh South Eastern United States.

Boyer, C. S. Thallophyta-Diatomaceae. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (487-507).

90.7700 BACTERIA, FUNGI AND MYCETOZOA.

Salmon, Ernest S[tanley]. *Cercosporites* sp., a new fossil fungus. J. Bot., London, 41, 1903, (127-130, with 15 figs.).

95 PLEISTOCENE AND RECENT.

95.5000 GENERAL PALAEOBOTANY.

Bulman, G. W. The origin of the Bristol flora. Eastbourne, Trans. Nat. Hist. Soc., 3, 1900-1902, [1903], (319-327).

Schulz, A[ugust]. Ueber die Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflansendecke Schwedens. Berlin, Ber. D. bot. Ges., 22, 1904, (133-143).

d EUROPE

da Scandinavia.

Holmboe, Jens. Remains of plants in peat mosses in Norway. Contributions to the history of vegetation in Norway after the last glacial epoch. (Norw.) Kristiania, Skr. Vid. selsk., I, 2, 1903, 1903, (227, with 5 pl. and 29 illustr.). [Mentions also animals.]

Holmboe, Jens. Studien über norwegische Torfmoore. Bot. Jahrb., Leipzig, 34, 1904, (204-246).

Tollf, Rob[ert]. Examination of peat-mosses in Halland. (Swedish) Sv. Mosskult. Tidskr., Jönköping, 1902, (103-124).

Warming, Eug. The history of the flora of the Færöes. [In: Botany of the Færöes based upon Danish investigations. Vol. II.] Copenhagen (Det Nordiske Forlag), 1903, (660-681). 26 cm,

de German Empire.

Weber, C. A. Ueber Litorina- und Prälorinabildungen der Kieler Föhrde. Bot. Jahrb., Leipzig, 35, 1904, (1-54).

dh Italy.

Peola, Paolo. Empreintes de végétaux dans les travertins des environs d'Aoste. Bulletin de la Société de la "Flore Valdôtaine," Aoste, No. 1, 1902, (1-14).

di Switzerland.

Schulz, Aug. Entwicklungsgeschichte der gegenwärtigen phanerogamen Flora und Pflansendecke der Schweiz. Bot. Centralbl., Jena, Beihefte, 17, 1904, (157-194).

95.6000 MONOCOTYLEDONS.

d EUROPE

da Scandinavia.

Harta, N. On *Dulichium spathaceum*, Pers., a North American Cyperacea in Danish interglacial mosses. A preliminary report. (Danish) Kjöbenhavn, Medd. Geol., 10, 1904, (13-22).

de British Islands.

Reid, Clement. *Najas marina* in the *Megaceros* marl of Lough Gur. Irish Nat., Dublin, 1904, (162).

95.7400 ALGAE AND SCHIZOPHYCEAE.

g NORTH AMERICA.

gg North Eastern United States.

Hale, David J. et alii. Marl (bog lime) and its application to the manufacture of Portland cement. Michigan, Geol. Surv., Lansing, 8, Part 3, 1903, (XI + 399, with 23 pls. and 43 figs.).

PALAEOBOTANY.

B BOTANICAL CLASSIFICATION.

5400 DICOTYLEDONS.

5400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Aesculus arctica n. sp. **Knowlton**, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]-162, with pl.).

Betula nn. spp. **Winkler**, H. [In: Das Pflanzenreich . . . hrsg. v. A. Engler, H. 19 (IV. 61).] Leipzig, 1904, (1-149).

Carpinus nn. spp. **Winkler**, H. l.c.

Cinnamomum. **Staub**, M. Math.-natw. Ber. Ungarn, Leipzig, 19, (1901), 1904, (13-30).

Corylus nn. spp. **Knowlton**, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]-162, with pl.).

Hicoria magnifica n. sp. **Knowlton**, F. H. l.c.

Phyllites saundersi n. sp. **Knowlton**, F. H. l.c.

Pterospermiles nn. spp. **Knowlton**, F. H. l.c.

Vaccinium alaskanum n. sp. **Knowlton**, F. H. l.c.

5400.75 CRETACEOUS.

Aralia. **Berry**, E. W. Bot. Gaz., Chicago, Ill., Univ. Chic., 36, 1903, (421-428).

Myrica cliffwoodensis n. sp. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 31, 1904, (67-82, with 5 pl.).

Quercus eoprinooides n. sp. **Berry**, E. W. l.c.

Viburnum matthewanense n. sp. **Berry**, E. W. l.c.

5400.80 CAENOZOIC.

Aralia. **Berry**, E. W. Bot. Gaz., Chicago, Ill., Univ. Chic., 36, 1903, (421-428).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Caesalpinia ovalifolia n. sp. **Hollick**, A. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (483-486, with pl.).

Ficus? *aplegatei* n. nom. (= *F? hesperia*). **Knowlton**, F. H. Washington, D.C., Proc. Biol. Soc., 15, 1902, (86).

Pieris scrobiculata n. sp. **Hollick**, A. Maryland Geol. Surv. (Miocene), Baltimore, 1904, (483-486, with pl.).

Quercus lehmanni n. sp. **Hollick**, A. l.c.

Rhus milleri n. sp. **Hollick**, A. l.c.

Ulmus basicordata n. sp. **Hollick**, A. l.c.

6000 MONOCOTYLEDONS.

6000.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Palmozylon nn. spp. Stenzel, K. G. W. Wien, Beitr. Pal. Geol. OestÜng., 16, 1904, (107-288, mit 22 Taf.).

6000.95 PLEISTOCENE AND RECENT.

Dulichium spathaceum. Hartz, N. Kjöbenhavn, Medd. Geol., 10, 1904, (13-22).

Najas marina. Rehd. Clement. Irish Nat., Dublin, 1904, (162).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Picea harrimani n. sp. Knowlton, F. H. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([147]-162, with pl.).

Sequoia langsdorffii. Hartz, N. Kjöbenhavn, Medd. Geol., 9, 1903, (61-66).

6500.55 UPPER PALAEOZOIC.

Annularia. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Araucaria daintreei n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 16, 1904, (306-335, with 4 pls.).

Calamites. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Coniferites fritschii. Potonié, H. et Bernard, Ch. Flore Dévonienne de l'étage H. de Barrande. Leipzig, [1903], (68).

Stephanospermum. Oliver, F. W. London, Trans. Linn., Soc., Bot., 6, pt. 8, 1904, (361-400).

6500.70 JURASSIC.

Araucarioxylon lindlei n. nom. Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (56).

Araucarites spp. Seward, A. C. l.c. (138).

Conites spp. Seward, A. C. l.c. (151).

Ctenis latifolia (Brongn., 1828—*Taeniopteris*). Seward, A. C. l.c. (151).

Cupressinoxylon barberi n. sp. Seward, A. C. l.c. (80).

Cycadeoidea (*Yatesia*) *gracilis* (Carr. 1870—*Yatesia*). Seward, A. C. l.c. (45).

Podozamites stonesfieldensis n. sp. Seward, A. C. l.c. (121).

Sequoia. Zeller, R. et Fliche, P. Paris, C.-R. Acad. sci., 137, 1903, (1020-1022).

Sphenozamites belli n. sp. Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (119).

Zamites megaphyllus (Phillips, 1871—*Palaeozamia*). Seward, A. C. l.c. (110).

6500.75 CRETACEOUS.

Cycadeoidea reichenbachiana. Ward, L. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), 18, 1904, (40-52).

Pinus delicatulus n. sp. Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 81, 1901, (67-82, with 5 pl.).

Protophyllocladus n. gen., *P. polymorphus* n. comb. (= *Salisburia polymorpha* Lesq.), *P. lanceolatus* n. comb. (= *Thinnfeldia lanceolata* Knowlton). Berry, W. New York, N.Y., Bull. Torrey Bot. Cl., 30, 1903, (438-445).

6500.80 CAENOZOIC.

Cupressinoxylon hookeri n. sp. Arber, E. A. N. Geol. Mag., London, (Ser. 2) [5], 1, 1904, (7-11).

6500.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Protophyllocladus n. gen., *P. subintegriifolius* n. comb. (= *Phyllocladus*

subintegrifolius Lesq.), *P. lanceolatus* n. comb. (= *Thinnfeldia lanceolata* Knowlton), *P. polymorphus* n. comb. (= *Salisburya polymorpha* Lesq.). **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **30**, 1903, (438-445).

6500.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

Pinus. **Mogan**, L. Wien, SitzBer. Ak. Wiss., Abth. I, **112**, 1903, (829-840, mit 1 Taf.).

6600 CYCADOFILICES.

6600.55 UPPER PALAEOZOIC.

Neuropteris heterophylla. **Kidston**, R. London, Phil. Trans. R. Soc., **B 197**, 1904, (1-5, with pl.).

Ancimites (= *Adiantites*) *fertilis* n. sp. **White**, D. Washington, D.C., Smithsonian Inst. Misc., Collect. Q., **47**, 1904, (322-331 + 2 l. with pl.). Separate. 24.5 cm.

Lagenostoma lomazi. **Oliver**, F. W. and **Scott**, D. H. London, Phil. Trans. R. Soc., **B 197**, 1904, (193-247, with pls.); Abstract, London, Proc. R. Soc., **73**, 1904, (4); reprint, Ann. Bot., Oxford, **17**, 1903, (625-629).

Lyginodendron. **Tansley**, A. G. N. Phytol., London, **2**, 1903, (73-76).

6700 VASCULAR CRYPTO-
GAMS.

6700.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Lepidodendron. **Renault**, B. Bul. Muséum, Paris, **1903**, (255-256).

Stigmaria ficioides. **Seward**, A. C. London, Brit. Ass. Geol. Phot., pt. 3, **1904**, (24).

6700.55 UPPER PALAEOZOIC.

Adiantites. **Ryba**, F. Wien, Jahrb. Geol. Reichsanst., **53**, 1904, (351-372).

Alethopteris. **Ryba**, F. l.c.

Alloiopteris. **Ryba**, F. l.c.

Aphlebia. **Ryba**, F. l.c.

Archaeocalamites scrobiculatus, Schlot-heim. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Calamites cannaeformis. **Bishop** Auckland, Trans. Weardale Nat. F. Cl., **1**, pt. 2, 1904, (pl. VI).

Cardiocarpon kansasiense Lx. n. sp. Mss. (nom. nud.). **White**, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **211**, 1903, (85-117).

Cordaites squammiferus Lx. n. sp. Mss. (nom. nud.). **White**, D. l.c.

Glossopteris spp. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Lepidocarpon. **Scott**, D. H. Nature, London, **71**, 1904, (201).

Lepidodendron australe M'Coy. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Lycopodites hostimensis. **Potonié**, H. et **Bernard**, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

Mariopteris cordato-ovata var. *obtusiloba* n. var. **White**, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. **211**, 1903, (85-117).

Mycorhiza. **Weiss**, F. E. Ann. Bot., Oxford, **18**, pt. 70, 1904, (255-265).

Neuropteris. **Ryba**, F. Wien, Jahrb. Geol. Reichsanst., **53**, 1904, (351-372).

Neuropteris nn. spp. **White**, D. l.c.

Noeggerathia. **Ryba**, F. l.c.

Odontopteris pupilionacea n. sp. **White**, D. l.c.

Pecopteris. **Ryba**, F. l.c.

Phyllothea australis Brongn. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (306-335, with 4 pls.).

Polylophospermum. **Oliver**, F. W. N. Phytol., London, **3**, pt. 4, 1904, (96-104).

Protolpidodendron karlsteini P. & B. **Potonié**, H. et **Bernard**, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

Rhabdocarpus coronatus Lx. sp. Mes. (nom. nud.) White, D. Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv., No. 211, 1903, (85-117).

Sigillaria nn. spp. et n. var. White, D. l.c.

Sigillariopsis. Scott, D. H. Ann Bot., Oxford, 13, pt. 71, 1904, (519-521).

Sphenophyllum fertile n. sp. Scott, D. H. London, Proc. R. Soc., 74, 1904, (314).

Telangium scotti n. sp. Benson, M. Ann. Bot., Oxford, 13, pt. 69, 1904, (161).

Trigonocarpus. Oliver, F. W. N. Phytol., London, 3, pt. 4, 1904, (96-104).

Ulodendron ? hostiense. Potonié, H. et Bernard, C. Flore Dévonienne de l'étage H. de Barrande . . . Leipzig, [1903], (68).

6700.60 MESOZOIC.

Thinnfeldia fontainei n. nom. (= *Thinnfeldia variabilis* Font. not Velen). Berry, E. W. New York, N.Y. Bull. Torrey Bot. Cl., 30, 1903, (438-445).

6700.70 JURASSIC.

Glossopteris sp. et. varr. Seward, A. C. Pietermaritzburg, Rep. Geol. Surv. Nat. and Zulul., 1904, (98, 100, pls. IV., figs. 2, 5, 6).

Lycopodites lanceolatus (Brodie, 1845, *Naiadites*). Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (14).

Noeggerathiopsis ? sp. Seward, A. C. Pietermaritzburg, Sec. Rep. Geol. Surv. Nat. Zulul., 1904, (100, pl. IV, fig. 8).

Pterophyllum. spp. Seward, A. C. l.c. (102, pl. V, fig. 9).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Laminariopsis africana n. sp. Meunier, S. C.-R. cong. soc. sav., Paris, 1904, (156-159).

7400.50 LOWER PALAEOZOIC.

Aecosoma n. gen. *A. phaneroporata* n. sp. Lorenz, T. Centralbl. Min., Stuttgart, 1904, (193-194).

Mitcherlichia n. gen. *M. chinensis* n. sp. Lorenz, T. l.c.

7400.55 UPPER PALAEOZOIC.

Anthracocondrus. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Haliserites. Ryba, F. l.c.

7400.70 JURASSIC.

Algites fureatus (Brongn., 1828—*Fucoides*). Seward, A. C. Cat. Mesoz. Plants B. M., Jurass. II, 1904, (83).

Arthrodendron n. gen. *A. diffusum* n. sp. Ulrich, E. O. [In: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 4.] New York, 1904, ([123]-146, with pl.).

Cancellophycus rhombicum n. sp. Ulrich, E. O. l.c.

Gilbertina n. gen. *G. spiralis* n. sp. Ulrich, E. O. l.c.

Gyroldendron n. gen. *G. emersoni* n. sp. Ulrich, E. O. l.c.

Helminthoida nn. spp. Ulrich, E. O. l.c.

Myelophycus n. gen. *M. curvatum* n. sp. Ulrich, E. O. l.c.

Palaeodictyon maynum lazum n. subsp. Ulrich, E. O. l.c.

Retiophycus n. gen. *R. hexagonale* n. sp. Ulrich, E. O. l.c.

7900 PLANTS OF UNASCERTAINED POSITION.

7900.55 UPPER PALAEOZOIC.

Schützia. Ryba, F. Wien, Jahrb. Geol. RchsAnst., 53, 1904, (351-372).

Codonotheca n. gen. *C. caduca* n. sp. Sellards, E. H. Amer. J. Sci., New Haven, Conn., (Ser. 4), 16, 1903, (87-95, with 1 pl.).

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

AESCULUS [Sapindaceae].
 ——— *arctica*. Knowlton, F. H.
 2377.

BETULA [Cupuliferae].
 ——— *baeumkeri*. Winkler, H.
 2738.
 ——— *luminifera*. Winkler, H.
 2738.
 ——— *rosae*. Winkler, H. 2738.

CAESALPINIA [Ulmaceae].
 ——— *ovalifolia*. Hollick, A. 2336.

CARPINUS [Cupuliferae].
 ——— *grosseserrata*. Winkler, H.
 2738.
 ——— *hybrida*. Winkler, H. 2738.
 ——— *londoniana*. Winkler, H.
 2738.
 ——— *oxycarpa*. Winkler, H.
 2738.
 ——— *pazii*. Winkler, H. 2738.
 ——— *schuschaensis*. Winkler, H.
 2738.
 ——— *stipulata*. Winkler, H. 2738.

CORYLUS [Cupuliferae].
 ——— *harrimani*. Knowlton, F. H.
 2377.

———— *palachei*. Knowlton, F. H.
 2377.

FICUS [Urticaceae].
 ——— *aplegatei* n. nom. Knowlton,
 F. H. 2376.

HICORIA [Juglandaceae].
 ——— *magnifica*. Knowlton, F. H.
 2377.

MYRICA [Myricaceae].
 ——— *cliffwoodensis*. Berry, E. W.
 2108.

PHYLLITES.
 ——— *saundersi*. Knowlton, F. H.
 2377.

PIERIS [Anacardiaceae].
 ——— *serobiculata*. Hollick, A.
 2336.

PTEROSPERMITES [Sterculiaceae].
 ——— *alaskana*. Knowlton, F. H.
 2377.
 ——— *magnifolia*. Knowlton, F. H.
 2377.

QUERCUS [Cupuliferae].
 ——— *eoprinoidea*. Berry, E. W.
 2108.
 ——— *lehmanii*. Hollick, A. 2336.

RHUS [Anacardiaceae].
 ——— *milleri*. Hollick, A. 2336.

ULMUS [Ulmaceae].
 ——— *basicordata*. Hollick, A.
 2336.

VACCINIUM [Vacciniaceae].
 ——— *alaskanum*. Knowlton, F. H.
 2377.

VIBURNUM [Caprifoliaceae].
 ——— *matthewanense*. Berry, E. W.
 2108.

6000 MONOCOTYLEDONS.

PALMOXYLON [Palmaceae].
 ——— *angiorhizon*. Stenzel, K. G.
 W. 2666.

———— *astron*. Stenzel, K. G. W.
 2666.

———— *macrocephalon*. Stenzel, K. G.
 W. 2666.

———— *mississippiense*. Stenzel,
 K. G. W. 2666.

———— *oratum*. Stenzel, K. G. W.
 2666.

———— *porosum*. Stenzel, K. G. W.
 2666.

———— *remotum*. Stenzel, K. G. W.
 2666.

PALMOXYLON [Palmaceae].

_____ *tenuis*. Stenzel, K. G. W.
2666.

_____ *tezenae*. Stenzel, K. G. W.
2666.

6500 GYMNOSPERMS.

ARAUCARIA [Coniferae].

_____ *daintreei*. Chapman, F.
2173.

ARAUCARIOXYLON.

_____ *lindleyi* n. nom. Seward,
A. C. 2620.

CUPRESSINOXYLON [Coniferae].

_____ *barberi*. Seward, A. C.
2620.

_____ *hookeri*. Arber, E. A. N.
2082.

PICEA [Coniferae].

_____ *harrimani*. Knowlton, F. H.
2377.

PODOZAMITES.

_____ *stonesfieldensis*. Seward,
A. C. 2620.

PINUS [Coniferae].

_____ *delicatulus*. Berry, E. W.
2108.

_____ *praemontana*. Hogan, L.
2461.

Protophyllocladus n. gen. [Coniferae].
Berry, E. W. 2107.

SPHENOZAMITES.

_____ *belli*. Seward, A. C. 2620.

6600 CYCADOPILICES.

ANEIMITES [Lyginodendrales].

_____ *fertilis*. White, D. 2728.

6700 VASCULAR CRYPTOGRAMS.

CARDIOPARON.

_____ *kansasiensis*. White, D.
2727.

CORDAITES [Cordaiteae].

_____ *squamiferus*. White, D.
2727.

MARIOPTERIS [Pecopteridaceae].

_____ *cordato-ovata* var. *obtusiloba*
n. var. White, D. 2727.

NEUROPTERIS [Neuropteridaceae].

_____ *carceraria*. White, D. 2727.

_____ *hastata*. White, D. 2727.

_____ *lindahli*. White, D. 2727.

ODONTOPTERIS [Neuropteridaceae].

_____ *papilionacea*. White, D.
2727.

RHABDOCARPOS [Cordaiteae].

_____ *coronatus*. White, D. 2727.

SIGILLARIA [Lycopodiales].

_____ *bradleyi* var. *coriacea* n. var.
White, D. 2727.

_____ *laurenciana*. White, D.
2727.

_____ *rectistriata*. White, D.
2727.

_____ *suspecta*. White, D. 2727.

SPHENOPHYLLUM [Sphenophyllales].

_____ *fertile*. Scott, D. H. 2598.

TELANGIUM [Marattiaceae].

_____ *scotti*. Benson, M. 2105.

THIDNIFELDIA [Filicales].

_____ *fontainei* n. nom. Berry,
E. W. 2107.

7400 ALGAE AND SCHIZOPHYCEAE.

Arthrodendron n. gen. [Fucoides].
Ulrich, E. O. 2701.

_____ *diffusum*. Ulrich, E. O.
2701.

Ascosoma n. gen. [Ascosomaceae].
Lorenz, T. 2421.

_____ *phaneroporata*. Lorenz, T.
2421.

CANCELOPHYCUS [Fucoides].

_____ *rhombicum*. Ulrich, E. O.
2701.

Gilbertina n. gen. [Fucoides]. Ulrich,
E. O. 2701.

_____ *spiralis*. Ulrich, E. O.
2701.

Gyrodendron n. gen. [Fucoides]. Ulrich,
E. O. 2701.

_____ *emersoni*. Ulrich, E. O.
2701.

HELMINTHOIDA.

_____ *abnormis*. Ulrich, E. O.
2701.

_____ *exacta*. Ulrich, E. O.
2701.

New Species.

189

7900

HELMINTHOIDA.

- *subcrassa*. Ulrich, E. O.
2701.
— *vaga*. Ulrich, E. O. 2701.

LAMINARIOPSIS [Laminariae].

- *africana*. Meunier, S.
2458.

Mitcherlichia n. gen. [Ascosomaceae].

- *chinensis*. Lorenz, T. 2421.

Myelophycus n. gen. [Fucoides]. Ulrich.

- *curvatum*. Ulrich, E. O.
2701.

PALAEODICTYON [Fucoides].

- *magnum laxum* n. subsp.
Ulrich, E. O. 2701.

Retiphycus n. gen. [Fucoides]. Ulrich,

- *hexagonale*. Ulrich, E. O.
2701.

7900 PLANTS OF UNASCERTAINED POSITION.

Codonomotheca n. gen. Sellards, E. H.

- *caduca*. Sellards, E. H.
2612.

ALPHABETICAL LIST OF NAMES OF NEW GENERA, SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

<i>abnormis</i>	Helminthoida; Ulrich, E. O. 2701.	<i>agata</i>	Emarginula; Scalia, S. 2575.
<i>acaris</i>	Venericardia; Dall, W. H. 2209.	<i>agellus</i>	Amphiblestrum; Ulrich, E. O. and Bassler, R. S. 2704.
<i>acceleraturn</i>	Metoicoceras; Hyatt, A. 2346.	<i>agilis</i>	Opisthoctenodon; Broom, R. 2137.
<i>Acompsoceras</i>	n. gen. Hyatt, A. 2346.	<i>alaris</i>	Cythereis; Ulrich, E. O. and Bassler, R. S. 2703.
<i>Aconeoceras</i>	n. gen. Hyatt, A. 2346.	<i>alaskana</i>	Dosinia; Dall, W. H. 2213.
<i>actinus</i>	Phacoides; Dall, W. H. 2209.	<i>alaskana</i>	Pterosperrnites; Knowlton, F. H. 2377.
<i>acuminata</i>	Athyris; Drevermann, F. 2231.	————	Trochita; Dall, W. H. 2213.
————	Macrocallista; Dall, W. H. 2209.	<i>alaskanum</i>	Vaccinium; Knowlton, F. H. 2377.
<i>acuta</i>	Edmondia; Hind, W. 2328.	<i>alaskanus</i>	Modiolus; Dall, W. H. 2213.
————	Lyonsia; Dall, W. H. 2209.	<i>alaskensis</i>	Astarte; Dall, W. H. 2211.
—— —	Mysidioptera; Broili, F. 2131.	————	Mesodesma; Dall, W. H. 2213.
<i>acuticostata</i>	Myophoria; Broili, F. 2131.	<i>albacornis</i>	Zaphrentis; Greene, G. K. 2304.
<i>acutirostris</i>	Varanosaurus; Broili, F. 2132.	<i>albertyni</i>	Cyclotosaurus; Broom, R. 2143.
<i>acutum</i>	Metengonoceras; Hyatt, A. 2346.	<i>algermissensis</i>	Arca; Wollemann, A. 2744.
<i>acutus</i>	Crassatellites; Dall, W. H. 2209.	<i>Algoasaurus</i>	n. gen. Broom, R. 2146.
<i>aequilateralis</i>	Lima; Kittl, E. 2371.	<i>aliena</i>	Athyris; Drevermann, F. 2235.
<i>affine</i>	Diploctenium; Felix, J. 2254.	<i>alternicosta</i>	Avicula; Scalia, S. 2575.
<i>africana</i>	Laminariopsis; Meunier, S. 2458.	<i>allicantensis</i>	Nicklesia; Hyatt, A. 2346.
————	Syrnola; Oppenheim, P. 2491.		

- altidorsatus* n. var. *Actinocrinus multiramus*; Greene, G. K. 2304.
altum Gafrarium; Dall, W. H. 2209.
alumensis Grateloupia; Dall, W. H. 2209.
alunulata Pachycardia; Kittl, E. 2371.
alveolatus Zaphrentis; Greene, G. K. 2304.
ambiguum Metengonoceras; Hyatt, A. 2346.
ameghini Omomys; Wortman, J. L. 2761.
americana n. var. *Cythereis cornuta*; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Astarte; Dall, W. H. 2209.
 ——— Spheniopsis; Dall, W. H. 2209.
americanus Botryocrinus; Greene, G. K. 2304.
 ——— n. var. *Euomphalopterus alatus*; Kindle, E. M. & Breger, C. L. 2370.
amoena Reynesia; Buckman, S. S. 2150.
Amonotis n. gen. Kittl, E. 2371.
amphitrite Astarte; Scalia, S. 2575.
Amphoreopsis n. gen. Crick, G. C. 2205.
ampla Arcoptera; Broili, F. 2131.
anadyomene Cytherea; Oppenheim, P. 2491.
anatinoides Panopaea; Sturm, F. 2677.
anatipes Chlamys; Ugolini, R. 2700.
anceps Mylacriss; Sellards, E. H. 2613.
andersoni Donax; Etheridge, R., jun. 2251.
 ——— Melina; Etheridge, R., jun. 2251.
angiorhizon Palmoxylon; Stenzel, K. G. W. 2666.
angulata n. var. *Drillia incilifera*; Martin, G. C. 2441.
angulata Paquieria; Buckman, S. S. 2150.
angulatus Dicollograptus; Elles, G. L. and Wood, E. M. R. 2248.
angusticostata Mysidiopora; Broili, F. 2131.
angusticostatus n. var. *Pecten nigromagnus*; Ugolini, R. 2700.
angustus Parallelodon; Hind, W. 2328.
annae Sumatrana; Volz, W. 2711.
antiqua Cypridina; Jones, T. R. 2360.
antiquata Echinochama; Dall, W. H. 2209.
apertus n. var. *Staurograptus dichotomus*; Ruedemann, R. 2567.
Aphaneramma n. gen. Woodward, A. S. 2754.
appeli Myoconcha; Kittl, E. 2371.
approximans Columbella; Pritchard, G. B. 2536.
arbutus Phacops; Lake, P. 2391.
arctica Aesculus; Knowlton, F. H. 2377.
 ——— Pandora; Dall, W. H. 2209.
arcuata Gerablattina; Sellards, E. H. 2613.
 ——— Ludwigella; Buckman, S. S. 2150.
arcuatum Lopadoceras; Buckman, S. S. 2150.
ardmillanensis Bronteopsis; Reed, F. R. C. 2548.
ardouini Homoeaster; Lambert, J. 2392.
areata Arcoptera; Broili, F. 2131.
arenacea Canavarella; Buckman, S. S. 2150.
armatus Ceratites; Philippi, E. 2517.
armipotens Kiliania; Buckman, S. S. 2150.
arrecta Porosphaera; Hinde, G. J. 2329.
Arthrodendron n. gen. Ulrich, E. O. 2701.
Ascosoma n. gen. Lorenz, T. 2421.

- ashermani** Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
- aspera** Braunsina; Buckman, S. S. 2150.
- aspero-anceps** Baculites; Lasswitz, B. 2402.
- Aspidosaurus** n. gen. Broili, F. 2132.
- asterias** Dolatocrinus; Wood, E. 2748.
- austrictum** Deltoidoceras; Buckman, S. S. 2150.
- astron** Palmoxylon; Stenzel, K. G. W. 2666.
- atavus** Ceratites; Philippi, E. 2517.
- Protocetus; Fraas, E. 2272.
- attenuata** Ludwigella; Buckman, S. S. 2150.
- attracta** Ludwigella; Buckman, S. S. 2150.
- atritta** Cotteswoldia; Buckman, S. S. 2150.
- auriculata** Myoconcha; Broili, F. 2131.
- austini** Homotrypa; Bassler, R. S. 2097.
- australiense** Cytheropteron; Chapman, F. 2172.
- aviculaeformis** Mysidiopetra; Broili, F. 2131.
- baconicus** Erycites; Prinz, G. 2535.
- baeumkeri** Betula; Winkler, H. 2738.
- bailyi** Alaria; Etheridge, R., jun. 2251.
- baini** Pristerognathus; Broom, R. 2134.
- Tentaculites; Reed, F. R. C. 2546.
- bakewelliioides** Cyrtodontarca; Jakoblev, N. 2357.
- balcombensis** Columbella; Pritchard, G. B. 2536.
- balclatchiensis** Illaenus; Reed, F. R. C. 2548.
- ballista** Chione; Dall, W. H. 2209.
- bánffy** Erycites; Prinz, G. 2535.
- barberi** Cupressinoxylon; Seward, A. C. 2620.
- barthi** Pecten; Wolle mann, A. 2743.
- basicordata** Ulmus; Hollick, A. 2336.
- bassi** Apiotoma; Pritchard, G. B. 2536.
- bauri** Algoasaurus; Broom, R. 2146.
- baylorensis** Seymouria; Broili, F. 2132.
- beecheri** Aspideretes; Hay, O. P. 2323.
- Sphenodiscus; Hyatt, A. 2346.
- bellerophonitium** Sanguinolites; Kittl, E. 2371.
- belli** Sphenozamites; Seward, A. C. 2620.
- benigna** Reynesia; Buckman, S. S. 2150.
- bonnettii** Astarte; Dall, W. H. 2211.
- belophora** Canavarella; Buckman, S. S. 2150.
- bergeri** Naticella; Picard, E. 2520.
- bernardi** Erycinella; Dall, W. H. 2209.
- beushauseni** Conocardium; Drevermann, F. 2231.
- Tudicla; Wolle mann, A. 2743.
- beyschlagi** Cerithium; Wolle mann, A. 2744.
- bicarinatoides** Aporrhais; Wolle mann, A. 2744.
- bicornis** n. var. Cythere dorsicornis; Ulrich, E. O. and Bassler, R. S. 2703.
- bicostata** Turritella; Ilovaisky, D. 2347.
- bifax** Cotteswoldia; Buckman, S. S. 2150.
- bifoliata** Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
- Microporella; Ulrich, E. O. and Bassler, R. S. 2704.
- bittneri** Amphiclinodonta; Waagen, L. 2713.
- Cancer; Toula, F. 2691.

- bittneri** Myndioptera; Broili, F. 2131.
 ———— *Phillipsia*; Kittl, E. 2371.
blanckenhorni *Buccinum*; Oppenheim, P. 2491.
blanda *Ludwigella*; Buckman, S. S. 2150.
boeckhi *Phylloceras*; Prinz, G. 2535.
bohemicus *Gephyrostegus*; Jaekel, C. 2350.
 ———— *Ischyodus*; Bayer, F. 2101.
bokkeveldensis *Orthoceras*; Reed, F. R. C. 2546.
boldacii *Mytilus*; Scalia, S. 2575.
bononiensis *Chlamys*; Ugolini, R. 2700.
borealis *Propleura*; Wieland, G. R. 2731.
borni *Phylloceras*; Prinz, G. 2535.
borovacensis *Spirigera*; Kittl, E. 2371.
bosniaca *Discina*; Kittl, E. 2371.
 ———— *Gervilleia*; Kittl, E. 2371.
 ———— *Protorcula*; Kittl, E. 2371.
boulei *Salenia*; Lambert, J. 2392.
bowdenensis *Crassatellites*; Dall, W. H. 2209.
 ———— *Verticordia*; Dall, W. H. 2209.
bowdeniana *Anomalocardia*; Dall, W. H. 2209.
brachyotis *Halobia*; Kittl, E. 2371.
brancoi *Barroisiceras*; Solger, F. 2643.
Braunsella n. gen. Buckman, S. S. 2150.
brevicaulis *Dicranograptus*; Elles, G. L. and Wood, E. M. R. 2248.
brevis *Hoplopteryx*; Bayer, F. 2101.
brevissimus *Phacops*; Drevermann, F. 2231.
breweri *Yoldia*; Dall, W. H. 2213.
britannica *Lima*; Woods, H. 2750.
brunsvicensis *Frechiella*; Hoyer. 2340.
buccini *Crossostoma*; Scalia, S. 2575.
- bulbiferum** *Sycon*; Oppenheim, P. 2491.
bulle *Venericardia*; Dall, W. H. 2209.
bulle-newtoni *Cardium*; Etheridge, R., jun. 2251.
burnsi *Cythere*; Ulrich, E. O. and Beuker, R. S. 2703.
busembrensis *Chiton*; Scalia, S. 2575.
 ———— *Lima*; Scalia, S. 2575.
 ———— *Opis*; Scalia, S. 2575.
caduca *Codonotheca*; Sellards, E. H. 2612.
caesarina *Cytherea*; Dall, W. H. 2209.
cainozoicus *Cestracion*; Chapman, F. and Pritchard, G. B. 2175.
calcanes *Pitaria*; Dall, W. H. 2209.
calceoformis *Ostrea*; Broili, F. 2131.
calhounensis *Phacoides*; Dall, W. H. 2209.
calculus *Zaphrentis*; Greene, G. K. 2304.
californica *Venericardia*; Dall, W. H. 2209.
callistaeformis *Spisula*; Dall, W. H. 2213.
callosa *Baëna*; Hay, O. P. 2322.
 ———— *Ludwigella*; Buckman, S. S. 2150.
callosus *Zaphrentis*; Greene, G. K. 2304.
calcosana *Chama*; Dall, W. H. 2209.
 ———— *Transennella*; Dall, W. H. 2209.
calverta n. var. *Volvula iota*; Martin, G. C. 2441.
calvertana *Siphonalia*?; Martin, G. C. 2441.
calvertanum *Calliostoma*; Martin, G. C. 2441.
calvertanus *Phacodiscus*; Martin, G. C. 2444.
calvertense *Caecum*; Martin, G. C. 2441.

- calvertense Eucyrtidium; Martin, G. C. 2444.
 ——— Rhopalodictyum; Martin, G. C. 2444.
 ——— Teinostoma; Martin, G. C. 2441.
 calvertensis Actaeon; Martin, G. C. 2441.
 ——— Astarte; Glenn, L. C. 2296.
 ——— Cancellaria; Martin, G. C. 2441.
 ——— Cerithiopsis; Martin, G. C. 2441.
 ——— Columbella; Martin, G. C. 2441.
 ——— Cylichna; Martin, G. C. 2441.
 ——— n. var. Cythere nitidula; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Drillia; Martin, G. C. 2441.
 ——— Erycina; Glenn, L. O. 2296.
 ——— Marginella; Martin, G. C. 2441.
 ——— Nassa; Martin, G. C. 2441.
 ——— Odostomia; Martin, G. C. 2441.
 ——— Pleurotoma; Martin, G. C. 2441.
 ——— Scala; Martin, G. C. 2441.
 ——— Spirorbis; Martin, G. C. 2443.
 ——— n. var. Terebra curvilineata; Martin, G. C. 2441.
 ——— Thecodonta; Glenn, L. C. 2296.
 calvertensium Cardium; Glenn, L. C. 2296.
 calverti Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
 camerunensis Actaeon; Oppenheim, P. 2491.
 ——— Cardita; Oppenheim, P. 2491.
 ——— Lucina; Oppenheim, P. 2491.
 ——— Murex; Oppenheim, P. 2491.
 ——— Pleurotoma; Oppenheim, P. 2491.
 caminosa Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
 campestris Cardiomorpha; Reed, F. R. C. 2546.
 canaliculata Arcoptera; Kittl, E. 2371.
 canaliculatoide Ochetoceras, Ilovaisky, D. 2347.
 canaliculatum Diplacmoceras; Hyatt, A. 2346.
 Canavarella n. gen. Buckman, S. S. 2150.
 cancellans Pecten; Kittl, E. 2371.
 cancellaria Amonotis; Kittl, E. 2371.
 Cancellariella n. subgen. (of Cancellaria). Martin, G. C. 2441.
 canevarii Gibbula; Scalia, S. 2575.
 capax n. var. Cythere plebeia; Ulrich, E. O. and Bassler, R. S. 2703.
 capellinii Mathilda; Scalia, S. 2575.
 capensis Nuculites; Reed, F. R. C. 2546.
 carapezzae Chemnitzia; Scalia, S. 2575.
 carbatinum Platygraphoceras; Buckman, S. S. 2150.
 carbonarius Pterinopecten; Hind, W. 2328.
 carbonifera Megambonia; Hind, W. 2328.
 carceraria Neuropteris; White, D. 2727.
 Cardiocephalus n. gen. Broili, F. 2132.
 carinata Ludwigella; Buckman, S. S. 2150.
 carinatella Rensselaeria; Fuchs, A. 2281.
 cariniferum Pseudographoceras?; Buckman, S. S. 2150.
 carintiacus Proetus?; Drevermann, F. 2231.
 carolinae Chuniola; Gagel, C. 2285.
 carolinensis Transennella; Dall, W. H. 2209.
 carrollensis n. var. Lituites herculeus; Kindle, E. M. and Broger, C. L. 2370.

- carsonensis* Venericardia; Dall, W. H. 2209.
Carstenia n. gen. Hyatt, A. 2346.
casalensis Perna; Scalia, S. 2575.
casta Ludwigella; Buckman, S. S. 2150.
castelarquatensis Fusus. Grabau, A. W. 2301.
castellanensis Subpulchellia; Hyatt, A. 2346.
castrana Astarte; Glenn, L. C. 2296.
 ——— Venericardia; Glenn, L. C. 2296.
catharia Cardita; Dall, W. H. 2209.
caudata Cytherea; Oppenheim, P. 2491.
celticus Dicranograptus; Elles, G. L. and Wood, E. M. R. 2248.
cephalica Baëna; Hay, O. P. 2323.
cercus Corbula; Oppenheim, P. 2491.
chaylai Cardita; Meunier, S. 2457.
chazianum n. var. Stromatocentrum lamottense; Seely, H. M. 2607.
chesapeakeanus Trophon; Martin, G. C. 2441.
chesapeakeensis Cytheridea?; Ulrich, E. O. and Basaler, R. S. 2703.
 ——— Spisula; Glenn, L. C. 2296.
chinensis Mitcherlichia; Lorenz, T. 2421.
chipolana Anomalocardia; Dall, W. H. 2209.
 ——— Chama; Dall, W. H. 2209.
 ——— Chione; Dall, W. H. 2209.
 ——— Codakia; Dall, W. H. 2209.
 ——— Divaricella; Dall, W. H. 2209.
 ——— Dosinia; Dall, W. H. 2209.
 ——— Transennella; Dall, W. H. 2209.
chipolanus Crassatellites; Dall, W. H. 2209.
 ——— Phacoides; Dall, W. H. 2209.
chiton Aspidosaurus; Broili, F. 2132.
- choffati* Buccinum; Oppenheim, P. 2491.
 ——— Cyclolites; Felix, J. 2254.
 ——— Neolobites; Hyatt, A. 2346.
 ——— Ostrea; Oppenheim, P. 2491.
Choffaticeras n. gen. Hyatt, A. 2346.
chopi Tectospira; Picard, E. 2520.
choptankensis Pleurotoma; Martin, G. C. 2441.
Chuniola n. gen. Gagel, C. 2285.
cincinnatiensis Homotrypa; Basaler, R. S. 2097.
clarkana Cythere; Ulrich, E. O. and Basaler, R. S. 2703.
clarkei Tetragraptus; Ruedemann, R. 2567.
clathrata Patella; Scalia, S. 2575.
clavatum Cystiphyllum; Greene, G. K. 2304.
Clavellofusus n. gen. Grabau, A. W. 2301.
clavelloides Rhopalithes; Grabau, A. W. 2301.
claviformis Panopaea; Sturm, F. 2677.
Clavulites n. gen. Girty, G. H. 2295.
cliffwoodensis Myrica; Berry, E. W. 2108.
clinatus Zaphrentis; Greene, G. K. 2304.
Codonotheca n. gen. Sellaris, E. H. 2612.
coflea Otolithus; Wollemaun, A. 2744.
Coilopoceras n. gen. Hyatt, A. 2346.
collata Carcharias; Eastman, C. R. 2242.
colleti Coilopoceras; Hyatt, A. 2346.
colonicus Nuculites; Reed, F. R. C. 2546.
coloradensis Bothriolepis; Eastman, C. R. 2239.
colossus Homalonotus; Lake, P. 2391.
columnare Loxonema; Picard, E. 2520.
comata Pleydellia; Buckman, S. S. 2150.

- communis* Homotrypa ; Bassler, R. S. 2097.
complicatum Engonoceras ; Hyatt, A. 2346.
compressa n. var. Cristellaria costata ; Chapman, F. 2172.
 ————— Hoferia ; Broili, F. 2131.
 ————— Mysidioptera ; Broili, F. 2131.
 ————— n. var. Pentamerus oblongus ; Kindle, E. M. and Breger, C. L. 2370.
compressum Knemiceras ; Hyatt, A. 2346.
compressus Chiton ; Scalia, S. 2575.
compsa Divaricella ; Dall, W. H. 2209.
concava Undularia ; Picard, E. 2520.
concentrica Radiotella ; Broili, F. 2131.
 ————— Inoceramya ; Ulrich, E. C. 2701.
 ————— Strebloptera ; Hind, W. 2328.
concinna Darellia ; Buckman, S. S. 2150.
conditum Heliophyllum ; Greene, G. K. 2304.
confluentina Rensselaeria ; Fuchs, A. 2281.
congregata Anoplothea ; Kindle, E. M. and Breger, C. L. 2370.
coniformis Pseudoliva ; Oppenheim, P. 2491.
conjunctoides Clavilithes ; Grabau, A. W. 2301.
conradi Astrangia ; Vaughan, T. W. 2709.
conspicuum Cystiphyllum ; Greene, G. K. 2304.
constrictum Amphiblestrum ; Ulrich, E. O. and Bassler, R. S. 2704.
contorta Braunsina ; Buckman, S. S. 2150.
convoluta Palmicellaria ; Ulrich, E. O. and Bassler, R. S. 2704.
copei Diplocaulus ; Broili, F. 2132.
 ————— Olbodotes ; Osborn, H. F. 2493.
coriacea Etoblattina ; Sellards, E. H. 2613.
 ————— n. var. Sigillaria brardii ; White, D. 2727.
cornelliana Mangilia ; Martin, G. C. 2441.
cornigera Braunsina ; Buckman, S. S. 2150.
coronatus Rhabdocarpus ; White, D. 2727.
coronula Rhynchonella ; Drevermann, F. 2231.
corpulenta Lucina ; Dall, W. H. 2209.
Cosmolithes n. gen. Grabau, A. W. 2301.
cosmovicii Syngnathus ; Simionescu, J. 2635.
cossmanni Verticordia ; Dall, W. H. 2209.
costatum Pisidium ; Sterki, V. 2667.
costatus Dolatocrinus ; Wood, E. 2748.
craspedonia Chione ; Dall, W. H. 2209.
 ————— Cuspidaria ; Dall, W. H. 2209.
crassangulum Priscodelphinus ; Case, E. C. 2165.
crassatum Placenticeras ; Hyatt, A. 2346.
crassicostata Mysidioptera ; Broili, F. 2131.
crassum Cadoceras ; Madsen, V. 2433.
crassus Neoptychites ; Solger, F. 2643.
 ————— Prospondylus ; Broili, F. 2131.
crater Textularia ; Chapman, F. 2172.
credneri Temnotropis ; Picard, E. 2520.
crenatum Cystiphyllum ; Greene, G. K. 2304.
cretacea Alveopora ; Felix, J. 2254.
 ————— Lima ; Woods, H. 2750.

- cretaceus* Serranus; Bayer, F. 2101.
cribrosa Cellepora; Ulrich, E. O. and Bassler, R. S. 2704.
Oriskania n. gen. Buckman, S. S. 2150.
crinalis Brasilina; Buckman, S. S. 2150.
cristallina Avicula; Scalia, S. 2575.
cristallinum Dentalium; Scalia, S. 2575.
 ——— Scapellum; Scalia, S. 2575.
cauboides Athyris; Drevermann, F. 2231.
cumulata Schizoporella; Ulrich, E. O. and Bassler, R. S. 2704.
cuneatum Deltotoceras; Buckman, S. S. 2150.
cuneatus Plethomytilus; Kindle, E. M. and Breger, C. L. 2370.
curta Modiolaria; Glenn, L. C. 2296.
curva Hugia; Buckman, S. S. 2150.
curvata Frechiella; Prinz, G. 2534.
 ——— Myoconcha; Broili, F. 2131.
curvatum Myelophycus; Ulrich, E. O. 2701.
curvicostatum Hyperlioceras; Buckman, S. S. 2150.
cuspidatus Didymograptus; Ruedemann, R. 2567.
cyathiformis Dicranograptus; Elles, G. L. and Wood, E. M. R. 2248.
cylindrica Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Homotrypa; Bassler, R. S. 2097.
cylindricus Trypanostylus; Picard, E. 2520.
Cymatoeyclas n. subgen. Dall, W. H. 2210.
Cyrtodontarca n. gen. Jakovlev, N. 2357.
cystata Dekayella; Cumings, E. R. 2206.
daintreei Araucaria; Chapman, F. 2173.
 ——— Cristellaria; Chapman, F. 2172.
dalli Modiolus; Glenn, L. C. 2296.
 ——— n. var. Terebra curvilineata; Martin, G. C. 2441.
Darellella n. gen. Buckman, S. S. 2150.
Darellina n. gen. Buckman, S. S. 2150.
debile Graphoceras; Buckman, S. S. 2150.
degrangei Nucula; Peyrot. 2516.
deichmülleri Cucullaea; Sturm, F. 2677.
deletum Pseudographoceras; Buckman, S. S. 2150.
delicata Oedania; Buckman, S. S. 2150.
 ——— Walkeria; Buckman, S. S. 2150.
delicatulus Pinus; Berry, E. W. 2108.
delphiensis Orthoceras; Kindle, E. M. and Breger, C. L. 2370.
dentatogranulatus Pentacrinus; Wollemann, A. 2744.
depressa Bornia; Glenn, L. C. 2296.
 ——— Neritaria; Picard, E. 2520.
depressum Placenticeras; Hyatt, A. 2346.
de stefani Pecten; Ugolini, R. 2700.
diffusidens n. form Notidanus; Koch, A. 2380.
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dillensis Proetus?; Drevermann, F. 2231.
dilleri Tropites; Smith, J. P. 2639.
di-lorezoi Cerithium; Scalia, S. 2575.
diminuta n. var. Volvula iota; Martin, G. C. 2441.
di-stefanoi Trochotoma; Scalia, S. 2575.
distira Cuspidaria; Dall, W. H. 2209.

- divisa* Turritella; Hovaisky, D. 2347.
dobrudschensis Berenicea; Toula, F. 2690.
dobrudschensis Nerinea; Toula, F. 2690.
 ——— Sphaerulites; Toula, F. 2690.
docilis Darellina; Buckman, S. S. 2150.
dodona Pandora; Dall, W. H. 2209.
domingensis Phacoides; Dall, W. H. 2209.
donigeri Pecten; Michailovskij, G. P. 2460.
dorsetensis Darellina; Buckman, S. S. 2150.
dorsicornis Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
dorsoplanus Ceratites; Philippi, E. 2517.
doverensis Retepora; Ulrich, E. O. and Bassler, R. S. 2704.
 ——— Schizoporella; Ulrich, E. O. and Bassler, R. S. 2704.
draconis Chama; Dall, W. H. 2209.
drepanon Ostrea; Wollemann, A. 2745.
dubius Schizospondylus; Bayer, F. 2101.
dumosa Homotrypa; Bassler, R. S. 2097.
dunni Eutomoceras; Smith, J. P. 2639.
duperrayi Mangilia; Peyrot. 2516.
duplessisi Scapanodon; Broom, R. 2145.
dupliniana Anomalocardia; Dall, W. H. 2209.
 ——— Cyrena; Dall, W. H. 2209.
duplinianus Crassatellites; Dall, W. H. 2209.
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echinatus Glossograptus; Ruedemann, R. 2567.
efflata Avicula; Broili, F. 2131.
egena Cotteswoldia; Buckman, S. S. 2150.
elatio Worthenia; Picard, E. 2520.
elegans Chemnitzia; Scalia, S. 2575.
 ——— Rhadinichthys; Wellburn, E. D. 2726.
elegantula Braunsina; Buckman, S. S. 2150.
ellesi Didymograptus; Ruedemann, R. 2567.
elnia Arca; Glenn, L. C. 2296.
elongata Loxoconcha; Chapman, F. 2172.
 ——— Mysidioptera; Broili, F. 2131.
elongato-concentrum Cytheropteron; Chapman, P. 2171.
elongatum Loxonema; Picard, E. 2520.
elongatus Gobius; Simionescu, J. 2635.
 ——— Parallelodon; Hind, W. 2328.
eloroidea Pleurotomaria; Kindle, E. M. and Breger, C. L. 2370.
emersoni Gyrodendron; Ulrich, E. O. 2701.
 ——— Yoldia; Dall, W. H. 2213.
eocaenus Eremopezus; Andrews, C. W. 2077.
eoprinoidea Quercus; Berry, E. W. 2108.
Episageceras n. gen. Noetling, F. 2476.
Eremopezus n. gen. Andrews, C. W. 2077.
erosa Chione; Dall, W. H. 2209.
 ——— Codakia; Dall, W. H. 2209.
erosum Gafrarium; Dall, W. H. 2209.
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 ——— Pseudoliva; Oppenheim, P. 2491.
 ——— Turritella; Oppenheim, P. 2491.
eschii Acanthoceras; Solger, F. 2643.

- euides Lopadoceras; Buckman, S. S. 2150.
Eulophoceras n. gen. Hyatt, A. 2346.
 evae Schloenbachia; Lasswitz, R. 2402.
 evax Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
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 eximius Erycites; Prinz, G. 2535.
 expansa Idmonea; Ulrich, E. O. and Bassler, R. S. 2704.
 extensus Illaenus; Reed, F. R. C. 2548.
 extremus Ichthyosaurus; Boulenger, G. A. 2126.
 falcatum Loxonema; Picard, E. 2520.
 falcigera Oedania; Buckman, S. S. 2150.
 fajumensis Genichyus; Andrews, C. W. 2074.
Fajumia n. gen. Stromer, E. 2673.
Falsifusus n. gen. Grabau, A. W. 2301.
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 filosina Pitaria; Dall, W. H. 2209.
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 flexilis Ludwigella; Buckman, S. S. 2150.
 flexuosa Macrocypris; Chapman, F. 2174.
 flexuosus Ceratites; Philippi, E. 2517.
 floccosa Paquieria; Buckman, S. S. 2150.
 floridana Pitaria; Dall, W. H. 2209.
 fluitans Dendrograptus; Ruedemann, R. 2567.
 fontinalis Eutrochus; Pritchard, G. B. 2536.
 forcipiformis Didymograptus; Ruedemann, R. 2567.
 fortior n. var. Cythere drupacea; Chapman, F. 2172.
 fossilifera Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
 foveolata Paradoxorhyncha; Chapman, F. 2172.
 frassi Metoposaurus; Lucas, F. A. 2426.
 fragilis Mactra; Laskarev, V. 2401.
 francisca Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
 frangens Myliobatis; Eastman, O. R. 2242.
 frasi Cancer; Lörenthey, I. 2409.
 frechi Inoceramus; Flegel, K. 2257.
 ——— Lonsdaleia; Volz, W. 2711.
 ——— Phylloceras; Prinz, G. 2535.
 ——— Schloenbachia; Lasswitz, R. 2402.
 fritschi Rhabdoconcha; Picard, E. 2520.
 ——— Worthenia; Picard, E. 2520.
Fritschia n. gen. Picard, E. 2520.
 frondosa Homotrypa; Bassler, R. S. 2097.
 fucini Macrodon; Scalia, S. 2575.
 fulcratum Cystiphyllum; Greene, G. K. 2304.
Fulgurofusus n. gen. Grabau, A. W. 2301.
 furcata Myrtacea; Dall, W. H. 2209.
 furcatum Lopadoceras; Buckman, S. S. 2150.
 furciferum Dictyonema; Ruedemann, R. 2567.
 furcillata Reynesia; Buckman, S. S. 2150.

- fusuliniformis* Cylichna; Etheridge, R., jun. 2251.
gabbi Fusus; Grabau, A. W. 2031.
 ——— Knemiceras; Hyatt, A. 2346.
 ——— Roemeroceras; Hyatt, A. 2346.
gajarii Phylloceras; Prinz, G. 2535.
galliaschi Goniomya; Sturm, F. 2677.
gamkaensis Orthoceras; Reed, F. R. C. 2546.
gatonensis Callocardia; Dall, W. H. 2209.
 ——— Cyclimella; Dall, W. H. 2209.
geelongensis Acanthias; Chapman, F. and Pritchard, G. B. 2175.
 ——— Collonia; Pritchard, G. B. 2536.
gemmellaro Hologyra; Scalia, S. 2575.
gemmiferum Cratiphyllum; Greene, G. K. 2304.
Geniohyus n. gen. Andrews, C. W. 2074.
gentili Membranipora; Canu, T. 2160.
geometricus Goniograptus; Ruedemann, R. 2567.
Gephyrostegus n. gen. Jaekel, O. 2350.
Gerhardia n. gen. Hyatt, A. 2346.
germana Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
gibbi Osteopygis; Wieland, G. R. 2731.
gibbosum Engonoceras; Hyatt, A. 2346.
 ——— Metoicoceras; Hyatt, A. 2346.
giganteus Chiton; Scalia, S. 2575.
 ——— Inoceramus; Pálffy, M. 2499.
gilberti Macrocallista; Dall, W. H. 2213.
 ——— Trimeroceras; Kindle, E. M. and Breger, C. L. 2370.
Gilbertina n. gen. Ulrich, E. O. 2701.
glaberrima Mysidiopora; Kittl, E. 2371.
glaciana Trigonina; Sturm, F. 2677.
Glanosuchus n. gen. Broom, R. 2134.
glatziae Inoceramus; Flegel, K. 2257.
glenni Astarte; Dall, W. H. 2209.
 ——— Phacoides; Dall, W. H. 2209.
glevensis Ludwigella; Buckman, S. S. 2150.
globosa Mysidiopora; Broili, F. 2131.
 ——— Tissotia; Hyatt, A. 2346.
glomerata Theonota; Ulrich, E. O. and Bassler, R. S. 2704.
glossoides Rhynchonella; Kittl, E. 2371.
glyptoconcha Cytherea; Dall, W. H. 2209.
glyptocyma Chione; Dall, W. H. 2209.
goodlandensis Eatonina; Kindle, E. M. and Breger, C. L. 2370.
gottschei Hamites; Wollemaun, A. 2745.
 ——— Spatangus; Gagel, C. 2285.
grabovicensis Avicula; Kittl, E. 2371.
gracilis Badiotella; Broili, F. 2131.
 ——— Mysidiopora; Broili, F. 2131.
gracillima Rapana; Wollemaun, A. 2744.
gradatum Heliophyllum; Greene, G. K. 2304.
grandicostatus n. var. Limipecten texanus; Girty, G. H. 2295.
grandiformis Pecten; Ugolini, R. 2700.
grandis Homotrypa; Bassler, R. S. 2097.
 ——— Socnopaea; Stromer, E. 2673.
granti Pleurotoma; Pritchard, G. B. 2536.
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- granulosus** *Macrophthalmus*; Man, J. G. de. 2437.
- grayi** *Bronteus*; Reed, F. R. C. 2548.
- greensboroënsis** *Caecum*; Martin, G. C. 2441.
- *Teinostoma*; Martin, G. C. 2441.
- *Calyptraea*; Martin, G. C. 2441.
- *Cylichna*; Martin, G. C. 2441.
- *Nassa*; Martin, G. C. 2441.
- greggiana** *Venericardia*; Dall, W. H. 2209.
- gregorii** *Bulimina*; Chapman, F. 2172.
- grewingkii** *Protothaca*; Dall, W. H. 2213.
- griesbachi** *Cylichna*; Etheridge, R., jun. 2251.
- grimmeri** *Tetragonites*; Kittl, E. 2371.
- grönlandica** *Myoconcha*; Madsen, V. 2433.
- grosseserrata** *Carpinus*; Winkler, H. 2738.
- grossipunctata** n. var. *Cythere corrossa*; Chapman, F. 2172.
- grossouvrei** *Coilopoceras*; Hyatt, A. 2346.
- *Placenticeras*; Hyatt, A. 2346.
- grzybowskii** *Discohelix*; Wójcik, K. 2740.
- guadalupensis** *Cyathodonta*; Dall, W. H. 2209.
- gubernatoria** *Crenella*; Glenn, L. C. 2296.
- *Nassa*; Martin, G. C. 2441.
- *Psammobia*; Glenn, L. C. 2296.
- *Turbonilla*; Martin, G. C. 2441.
- guibei** *Euthria*; Peyrot. 2516.
- guntiana** *Clemmys*; Roger, O. 2561.
- gymnitum** *Cardiomorpha*; Kittl, E. 2371.
- Gyracanthides** n. gen. Woodward, A. S. 2751.
- Gyrodendron* n. gen. Ulrich, E. O. 2701.
- hadra** *Venericardia*; Dall, W. H. 2209.
- halavátsi** *Hammatoceras*; Prinz, G. 2535.
- halilucensis** *Halobia*; Kittl, E. 2371.
- halli** *Primitia*; Chapman, F. 2174.
- hamatum** *Depaceras*; Buckman, S. S. 2150.
- *Phacoides*; Dall, W. H. 2209.
- hamiltonensis** *Turbo*; Pritchard, G. B. 2536.
- harrimani** *Corylus*; Knowlton, F. H. 2377.
- *Modiolus*; Dall, W. H. 2213.
- *Papyridea*; Dall, W. H. 2213.
- *Picea*; Knowlton, F. H. 2377.
- harrisi** *Oliva*; Martin, G. C. 2441.
- *Pyrula*; Martin, G. C. 2441.
- hastata** *Neuropteris*; White, D. 2727.
- hatcheri** *Baëna*; Hay, O. P. 2321.
- haueri** *Barroisiceras*; Hyatt, A. 2346.
- Heilprinia** n. gen. Grabau, A. W. 2301.
- heintzeli** *Isocardia*; Wolleemann, A. 2745.
- helicoides** *Chemnitzia*; Scalia, S. 2575.
- helios** *Ostrea*; Wolleemann, A. 2745.
- hendersonii** *Chione*; Dall, W. H. 2209.
- heracleus** *Phacoides*; Dall, W. H. 2209.
- hesternus** *Placerias*; Lucas, F. A. 2426.
- hexagonale** *Retiphycus*; Ulrich, E. O. 2701.
- hexagonalis** *Sphyraenodus*; Koch, A. 2378.
- hexagonus** *Tristylotus*; Parks, W. A. 2504.

- hilberi* Pectan; Michailovskij, G. P. 2460.
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hillii Pitaria; Dall, W. H. 2209.
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hintzai Phylloceras; Prinz, G. 2535.
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hispanica Heinzia; Hyatt, A. 2346.
holliana Xestoleberis; Chapman, F. 2174.
holnesii Rhynchonella; Dall, W. H. 2209.
hookeri Cupressinoxylon; Arber, E. A. N. 2082.
hoplitoides Acanthoceras; Lasswitz, R. 2402.
howardensis Clavulites; Girty, G. H. 2295.
howitti Bankivia; Pritchard, G. B. 2536.
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Hughmilleria n. gen. Searle, C. J. 2602.
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humilis Carcharodon; Koch, A. 2379.
 ——— Ceratites; Philippi, E. 2517.
hungarica n. var. Lamna macrota; Koch, A. 2379.
hungaricus Inoceramus; Pálffy, M. 2499.
huntingtonensis Oriostoma; Kindle, E. M. and Breger, C. L. 2370.
hyatti Trachyceras; Smith, J. P. 2639.
hybrida Carpinus; Winkler, H. 2738.
hystrix Glossograptus; Ruedemann, R. 2567.
idoneum Deltoidoceras; Buckman, S. S. 2150.
ignolea Isocardia; Glenn, L. C. 2296.
impolita Ludwigella; Buckman, S. S. 2150.
impressus Phacops; Lake, P. 2391.
insequalvis Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
incertus Didymograptus; Ruedemann, R. 2567.
incidens Carcharias; Eastman, C. R. 2242.
incisa Pseudocucullaea; Solger, F. 2642.
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 ——— Toxilioceras; Buckman, S. S. 2150.
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incompletus Latirus; Oppenheim, P. 2491.
incrustans Milleaster; Ulrich, E. O. 2702.
indianensis Encrinurus; Kindle, E. M. and Breger, C. L. 2370.
inflata Microporella; Ulrich, E. O. and Bassler, R. S. 2704.
inflata Oedania; Buckman, S. S. 2150.
inflexum Heliophyllum; Greene, G. K. 2304.
Inoceramya n. gen. Ulrich, E. O. 2701.
inops Reynesella; Buckman, S. S. 2150.
inornata n. var. Bulimina trigona; Chapman, F. 2171.
 ——— Chrysemys; Loomis, F. S. 2519.
inscriptum Metengonoceras; Hyatt, A. 2346.
intensus Phacoides; Dall, W. H. 2209.
intercedens Perisphinctes; Illovaisky, D. 2347.
intercellata n. var. Homotrypa wortheni; Bassler, R. S. 2097.
intermedius Ceratites; Philippi, E. 2517.
 ——— Erycites; Prinz, G. 2535.

- interrupta Mysidiopetra; Broili, F. 2131.
 ——— n. var. Vaginulina schloenbachii; Chapman, F. 2172.
 intortus Zaphrentis; Greene, G. K. 2304.
 intricatus Desmograptus; Ruedemann, R. 2567.
 invaginatus Zaphrentis; Greene, G. K. 2304.
 involutus Erycites; Prinz, G. 2535.
 ionensis Lithophaga; Glenn, L. C. 2296.
 ——— Modiolus; Glenn, L. C. 2296.
 isis Zeuglodon; Andrews, C. W. 2074.
 isocardioides Ceromya; Sturm, F. 2677.
 istedana Notochampea; Broom, R. 2147.
 isteriana Nerinea; Toulia, F. 2690.
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 jamaicensis Crassatellites; Dall, W. H. 2209.
 ——— Poromya; Dall, W. H. 2209.
 ——— Tivela; Dall, W. H. 2209.
 ——— Verticordia; Dall, W. H. 2209.
 janus Lucina; Dall, W. H. 2209.
 jenningsi Notidanus; Chapman, F. and Pritchard, G. B. 2175.
 jervensis Chonostrophia; Schuchert, C. 2588.
 jonesi Aechmina; Chapman, F. 2174.
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 juncta Reynesella; Buckman, S. S. 2150.
 jurassica Loxoconcha; Chapman, F. 2172.
 justinae Arca; Wollelmann, A. 2743.
 juvenis Etoblatina; Sellards, E. H. 2613.
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 kansasiense Cardiocarpon; White, D. 2727.
 katseri Tmetoceras; Beck, H. 2102.
 kayseri Clymenia; Drevermann, F. 2231.
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 kellneri Pecten; Kittl, E. 2371.
 kentlandensis Orthoceras; Kindle, E. M. and Breger, C. L. 2370.
 ketteleri Drepanura; Monke, H. 2462.
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 kiliani Schloenbachia; Lasswitz, R. 2402.
 kincaidii Callocardia; Dall, W. H. 2213.
 klipsteini Macrodon; Broili, F. 2131.
 kochi Hammatoceras; Prinz, G. 2535.
 koeneni Circe; Skrinnikov, A. 2636.
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 ——— Turritella?; Picard, E. 2520.
 koerferi Agnostus; Monke, H. 2462.
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 ——— Loxonema; Picard, E. 2520.
 konincki Sphenodiscus; Hyatt, A. 2346.
 Krambergeria n. gen. Simionescu, J. 2635.
 krausei Linostracina; Monke, H. 2462.
 kubinyiformis Cristellaria; Wójcik, K. 2740.
 laciniosa Kiliania; Buckman, S. S. 2150.
 laevicaniculatus Pachydiscus; Lasswitz, R. 2402.
 laevicingulata Astarte; Scalia, S. 2575.
 laevigata Ludwigia; Buckman, S. S. 2150.
 laevigatum Harpoceras; Prinz, G. 2535.
 laevigatus Ceratites; Philippi, E. 2517.

- laevis* Micromaja; Lörenthey, J. 2409.
 — n. var. *Pleurotoma selwyni*; Pritchard, G. B. 2536.
 — n. var. *Trophon tetricus*; Martin, G. C. 2441.
 — *Worthenia*; Picard, E. 2520.
Lambropsis n. gen. Lörenthey, J. 2409.
lamottense Stromatocerium; Seeley, H. M. 2607.
lanceolata Krambergeria; Simionescu, J. 2635.
lanesvillensis n. var. *Batocrinus davisii*; Greene, G. K. 2304.
langenhani Ammonites; Sturm, F. 2677.
lansi Teinistion; Monke, H. 2462.
lapworthi Bryograptus; Ruedemann, R. 2567.
lata Pandora; Dall, W. H. 2209.
latealata Gervillia; Broili, F. 2131.
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latidorsatum Episageceras; Noetling, F. 2476.
latifalcatum Harpoceras; Prinz, G. 2535.
latifissa Mysidiopora; Broili, F. 2131.
latifrons Microcystes; Lörenthey, J. 2409.
latisinuata Schizoporella; Ulrich, E. O. and Bassler, R. S. 2704.
latum Platygraphoceras; Buckman, S. S. 2150.
laubei Macrodon; Broili, F. 2131.
laurenciana Sigillaria; White, D. 2727.
laxum n. subsp. *Palaeodictyon magnum*; Ulrich, E. O. 2701.
laxus Diplograptus; Ruedemann, R. 2567.
lehmanii Quercus; Hollick, A. 2336.
lens Pseudocucullaea; Solger, F. 2642.
lenticulata Nicklesia; Hyatt, A. 2346.
lentus Tetragraptus; Ruedemann, R. 2567.
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lepta Oedania; Buckman, S. S. 2150.
levilimbata Astarte; Ilovaïsky, D. 2347.
levini Leda; Wolleimann, A. 2744.
levis Tripleurocrinus; Wood, E. 2748.
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libana Homotrypa; Bassler, R. S. 2097.
lienenklausii Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
lilydalensis Xestoleberis; Chapman, F. 2174.
limatoidea n. var. *Euomphalopterus alatus*; Kindle, E. M. and Bregar, C. L. 2370.
limatum Pseudographoceras; Buckman, S. S. 2150.
Limipecten n. gen. Girty, G. H. 2295.
limoniana Myrtaea; Dall, W. H. 2209.
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lineata Reynesella?; Buckman, S. S. 2150.
Linotrachina n. gen. Monke, H. 2462.
liogona Astarte; Dall, W. H. 2211.
 — Dosinia; Dall, W. H. 2209.
liscaviensis Adeorbis; Picard, E. 2520.
 — Turritella; Picard, E. 2520.
lissotropis Protorcula; Picard, E. 2520.

- literatum* Pseudographoceras; Buckman, S. S. 2150.
Lithodrumus n. gen. Greene, G. K. 2304.
lobulata Cythere; Chapman, F. 2172.
lőczyi Phylloceras; Prinz, G. 2535.
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londoniana Carpinus; Winkler, H. 2738.
longicaudata Cytheridea; Chapman, F. 2171.
longicaudatus Diplograptus; Ruedemann, R. 2567.
longipes Stegomus; Emerson, B. K. and Loomis, F. B. 2249.
longula Cytherideis; Ulrich, E. O. and Bassler, R. S. 2703.
loomisi Avicula; Broili, F. 2131.
Lopadoceras n. gen. Buckman, S. S. 2150.
lotsi Phacops; Drevermann, F. 2231.
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luminifera Betula; Winkler, B. 2738.
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lyelli Chama; Dall, W. H. 2209.
macrodon Lutreola; Prentiss, D. W. 2529.
macrognathus Pterodon; Andrews, C. W. 2074.
macrops Glanosuchus; Broom, R. 2134.
macrosiphon Palmoxydon; Stenzel, K. G. W. 2666.
macrospiratus Clavellofus; Grabau, A. W. 2301.
maculata Lepralia; Ulrich, E. C. and Bassler, R. S. 2704.
magna Dekayia; Cumings, E. B. 2206.
_____ Fedaiella; Picard, E. 2520.
_____ Gemma; Dall, W. H. 2209.
_____ Miliolina; Wójcik, K. 2740.
_____ Neritaria; Picard, E. 2520.
magneauritus Pecten; Kittl, E. 2371.
magnifica Hicoria; Knowlton, F. H. 2377.
magnifolia Pterospermites; Knowlton, F. H. 2377.
magnirostris Batocrinus; Greene, G. K. 2304.
magnoliana Codakia; Dall, W. H. 2209.
magnum Sagatherium; Andrews, C. W. 2074.
mágoisyi Hammatoceras; Prinz, G. 2535.
major Geniohyus; Andrews, C. W. 2074.
majusculus Hadrianus; Hay, O. P. 2323.
malacus Proštus; Lake, P. 2301.
Mantelliceras n. gen. Hyatt, A. 2346.
maraisi Tamboeria; Seeley, H. G. 2605.
marginata Lucya; Buckman, S. S. 2150.
_____ Mysidioptera; Broili, F. 2131.
marginiplicatus Pecten; Kittl, E. 2371.
mariana Mesodesma; Glenn, L. C. 2296.
_____ Mitra; Martin, G. C. 2441.
_____ Odostomia; Martin, G. C. 2441.
_____ Surcula; Martin, G. C. 2441.
markgrafi Plagiolophus; Lőrenthey, I. 2409.
marmorea Stokeia; Buckman, S. S. 2150.
marmorensis Diplomystus; Woodward, A. S. 2756.
marshi Baëna; Hay, O. P. 2323.
_____ Hyopsodus; Osborn, H. F. 2493.
_____ Metacheiromys; Wortman, J. L. 2761.

- martialis* Nuculites; Reed, F. R. C. 2546.
martini Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Metopoxantho; Man, J. G. de. 2437.
marylandica Abra; Glenn, L. C. 2296.
 ——— Amalthea; Martin, G. C. 2441.
 ——— Bornia; Glenn, L. C. 2296.
 ——— Cancellaria; Martin, G. C. 2441.
 ——— Emarginula; Martin, G. C. 2441.
 ——— Frycina; Glenn, L. C. 2296.
 ——— Eulimella; Martin, G. C. 2441.
 ——— Goniobasis; Martin, G. C. 2441.
 ——— Lepralia; Ulrich, E. O. and Bassler, R. S. 2704.
 ——— Lithocampe; Martin, G. C. 2444.
 ——— Macoma; Glenn, L. C. 2296.
 ——— Nassa; Martin, G. C. 2441.
 ——— Odostomia; Martin, G. C. 2441.
 ——— Retusa; Martin, G. C. 2441.
 ——— Rissoa; Martin, G. C. 2441.
 ——— Scala; Martin, G. C. 2441.
 ——— Siphonalia; Martin, G. C. 2441.
 ——— n. var. Volvula iota; Martin, G. C. 2441.
marylandicum Calliostoma; Martin, G. C. 2441.
 ——— Rhopalodictyum; Martin, G. C. 2444.
marylandicus Cannartiscus; Martin, G. C. 2444.
 ——— Spongasteriscus; Martin, G. C. 2444.
massalis Cellepora; Ulrich, E. O. and Bassler, R. S. 2704.
matlockensis Tentaculites; Chapman, F. 2174.
matura Heinzia; Hyatt, A. 2346.
matteawanense Viburnum; Berry, E. W. 2108.
mazlea Isocardia; Glenn, L. C. 2296.
megalorhinus Oudenodon; Broom, R. 2144.
meridionale Haplophragmium; Chapman, F. 2171.
Metacheiromys n. gen. Wortman, J. L. 2761.
Metasigaloceras n. gen. Hyatt, A. 2346.
Metatissotia n. gen. Hyatt, A. 2346.
Metengonoceras n. gen. Hyatt, A. 2346.
Metoicoceras n. gen. Hyatt, A. 2346.
Metopoxantho n. gen. Man, J. G. de. 2437.
meyeri Lima; Woods, H. 2750.
meyni Spatangus; Gagel, C. 2285.
mezi Pagurus; Lörenthey, I. 2409.
miatschkowiensis Belemnites; Illovaisky, D. 2347.
 ——— Rhynchonella; Illovaisky, D. 2347.
micca Hugia; Buckman, S. S. 2150.
micra Ludwigella; Buckman, S. S. 2150.
Microcystes n. gen. Lörenthey, I. 2409.
micula Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
milchi Bigenerina; Volz, W. 2711.
miljacensis Avicula; Kittl, E. 2371.
Milleaster n. gen. Ulrich, E. C. 2702.
millegranosa Astele; Pritchard, G. B. 2536.
milleri Rhus; Bollick, A. 2336.
mimula Arca; Oppenheim, P. 2491.
minor Megalohyrax; Andrews, C. W. 2074.
 ——— Palaeomastodon; Andrews, C. W. 2074.
minuscula n. var. Cythere clarkana; Ulrich, E. O. and Bassler, R. S. 2703.
miqueli Nassa; Peyrot. 2516.

- mirabile Graphoceras ; Buckman, S. S. 2150.
 mirabilis Chemnitzia ; Scalia, S. 2575.
 mirus Geniohyus ; Andrews, C. W. 2074.
 miserrimus Phacops ; Drevermann, F. 2231.
 mississippense Palmoxydon ; Stenzel, K. G. W. 2666.
Mitcherlichia n. gen. Lorenz, T. 2421.
 modica n. var. *Cythere plebeia* ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Ludwigella ; Buckman, S. S. 2150.
 monensis Sanguinolites ; Hind, W. 2328.
 moniliferum Stromatocerium ; Seely, H. M. 2607.
 monroensis Pterygotus ; Searle C. J. 2602.
 monterosatoi Chiton ; Scalia, S. 2575.
 montifera Lepralia ; Ulrich, E. O. and Bassler, R. S. 2704.
 montrealensis Chonostrophia ; Schuchert, C. 2588.
 muelleri Cyclonotum ; Meunier, F. 2454.
 mufferi Stenoptera ; Meunier, F. 2455.
 multicostata Fritschia ; Picard, E. 2520.
 multinervia Schizoblattina ; Sellards, E. H. 2613.
 multiplicans Entalis ; Kittl, E. 2371.
 multispinosa Amplexopora ; Cumings, R. R. 2206.
 ——— Hydractinia ; Ulrich, E. O. 2702.
 multistriata Mysidiopora ; Broili, F. 2131,
 ——— n. var. *Styliola fissurella* ; Chapman, F. 2174.
 multistriatum Conocardium ; Kindle, E. M. and Breger, C. L. 2370.
 mundum Toxolioceras ; Buckman, S. S. 2150.
 murrayana Pleurotoma ; Pritchard, G. B. 2536.
Myelophycus n. gen. Ulrich, E. O. 2701.
Myriopora n. gen. Vols, W. 2711.
 nachtigali Cytherea ; Oppenheim, P. 2491.
 naliwkini Macrodon ; Jakovlev, N. N. 2357.
 nasuta Venericardia ; Dall, W. H. 2209.
 natalense Eulophoceras ; Hyatt, A. 2346.
 natum n. var. *Oriostoma huntingtonensis*. Kindle, E. M. and Breger, C. L. 2370.
 neptunus Archaeolepas ; Scalia, S. 2575.
 neritoidea Cancellaria ; Martin, G. C. 2441.
 neuvillii Haliotis ; Bial de Bellerade. 2111.
 newberryi Placenticeras ; Hyatt, A. 2346.
 niagarensis Pholidostrophia ; Kindle, E. M. and Breger, C. L. 2370.
 nicklesi Homotrypa ; Bassler, R. S. 2097.
 ——— Pulchellia ; Hyatt, A. 2346.
Nicklesia n. gen. Hyatt, A. 2346.
 nieschavensis Astarte ; Skrinnikov, 2636.
 nikitiniensis Mytilus ; Ilovaisky, D. 2347.
 nikitowkensis Bakewellia ; Jakovlev, 2357.
 nitida Homotrypa ; Bassler, R. S. 2097.
 nitidula Cythere ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Membranipora ; Ulrich, E. O. and Bassler, R. S. 2704.
 nodosa Metatissotia ; Hyatt, A. 2346.
 nodosum Cytheropteron ; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Hildoceras ; Prinz, G. 2535.

- Nothamusium* n. gen. Hind, W. 2328.
Notochampsia n. gen. Broom, R. 2147.
noveboracensis Temnograptus; Ruedemann, R. 2567.
novimexicanum Coilopoceras; Hyatt, A. 2346.
novus Tylocrinus; Wood, E. 2748.
nutrix Epiaster; Lambert, J. 2392.
obeliscus Chemnitzia; Scalia, S. 2575.
obesum Pseudogrammocerases; Buckman, S. S. 2150.
obliqua Mysidioptera; Broili, F. 2131.
 ——— Pseudocucullaea; Solger, F. 2642.
obliquum Heliophyllum; Greene, G. K. 2304.
oblonga Cyrene; Skrinnikov, A. 2636.
 ——— n. var. *Xestoleberis wrightii*; Chapman, F. 2174.
oblongula n. var. *Cythere evax*; Ulrich, E. O. and Bassler, R. S. 2703.
 ——— Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
obtusa Mangilia; Martin, G. C. 2441.
obtusiloba n. var. *Mariopteris cordatovata*; White, D. 2727.
ocalanus Phacoides; Dall, W. H. 2209.
occidentalis Squatina; Eastman, C. R. 2242.
occlusum Hyperlioceras; Buckman, S. S. 2150.
ocellus Phacops; Lake, P. 2391.
Oedania n. gen. Buckman, S. S. 2150.
oehlerti Trigeria; Drevermann, F. 2235.
Olbodotes n. gen. Osborn, H. F. 2493.
oolithica Turritella?; Picard, E. 2520.
opaca Ludwigella; Buckman, S. S. 2150.
Opisthoctenodon n. gen. Broom, R. 2137.
opisthogrammata Pitaria; Dall, W. H. 2209.
opulentora Astarte; Dall, W. H. 2209.
orahovicensis Entalis; Kittl, E. 2371.
orbignyi Douvilleiceras; Hyatt, A. 2346.
ornatissima Conularia; Chapman, F. 2174.
ornatus Elonichthys; Wellburn, E. D. 2726.
oculum Natica; Oppenheim, P. 2491.
Osmanoceras n. gen. Kittl, E. 2371.
ottomana Patella; Kittl, E. 2371.
otwayensis Selenaria; Maplestone, C. M. 2438.
ovalifolia Caesalpinia; Hollick, A. 2336.
ovata Actaeonina; Picard, E. 2520.
ovatum Palmoxylon; Stenzel, K. G. W. 2666.
oweni Conocardium; Kindle, E. M. and Breger, C. L. 2370.
oxycarpa Carpinus; Winkler, H. 2738.
Paineia n. gen. Buckman, S. S. 2150.
palachei Corylus?; Knowlton, F. H. 2377.
 ——— Terebellina; Ulrich, E. O. 2701.
 ——— Yoldia; Dall, W. H. 2213.
palliatum Prosopodius; Broili, F. 2131.
palma Cytherea; Oppenheim, P. 2491.
pannonicus Gladus; Koch, A. 2378.
papilionacea Odontopteris; White, D. 2727.
papillosa Pleurophorella; Girty, G. H. 2295.
paradoxa Biloculina; Wójcik, K. 2740.
Paradoxorhyncha n. gen. Chapman, F. 2172.
paralactea Arca; Oppenheim, P. 2491.

- parallelum* Macrodon; Illovaisky, D. 2347.
Paratissotia n. gen. Hyatt, A. 2346.
Parelops n. gen. Bayer, F. 2101.
parkeria Chione; Glenn, L. C. 2296.
parma Astarte; Dall, W. H. 2209.
paronae Cycloseris; Bellini, R. 2104.
paronai Gervillia; Broili, F. 2131.
particostata Cotteswoldia; Buckman, S. S. 2150.
partechi Erycites; Prinz, G. 2535.
parvicostata Oedania; Buckman, S. S. 2150.
parvoidea Mangilia; Martin, G. C. 2441.
parvula Membranipora; Ulrich, E. O. and Bassler, R. S. 2704.
parvulum Heliophyllum; Greene, G. K. 2304.
patelliformis Porosphaera; Hinde, G. J. 2329.
patuxentensis Chrysodomus; Martin, G. C. 2441.
patuxentia Cancellaria; Martin, G. C. 2441.
——— Mangilia; Martin, G. C. 2441.
——— Sportella; Glenn, L. C. 2296.
——— Terebra; Martin, G. C. 2441.
——— n. var. *Volvula* *iota*; Martin, G. C. 2441.
patuxentium Caecum; Martin, G. C. 2441.
——— Cardium; Glenn, L. C. 2296.
paucicamerata Amphoreopsis; Crick, G. C. 2205.
paucicostata Cotteswoldia; Buckman, S. S. 2150.
——— Fritschia; Picard, E. 2520.
paucipunctata Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
paxii Carpinus; Winkler, H. 2738.
pearstonensis Prodicynodon; Broom, R. 2137.
peninsularis Margarites; Dall, W. H. 2213.
pentangulatus Ptychocynodon; Seely, H. G. 2604.
peraltoides Nassa; Martin, G. O. 2441.
perambigua Cytherea; Oppenheim, P. 2491.
perampus Turritites; Lasewitz, R. 2402.
perczeli Erycites; Prinz, G. 2535.
perflexilis Goniograptus; Ruedemann, R. 2567.
perkø Nucula; Oppenheim, P. 2491.
perkinsi Cryptozoon; Seely, H. M. 2607.
permiana Promathildia?; Kittl, E. 2371.
peronae Cerithium; Scalia, S. 2575.
peroni Neolobites; Hyatt, A. 2346.
——— Subtissotia; Hyatt, A. 2346.
perplanum Phylloceras; Prinz, G. 2535.
perstriatula Cytherea; Oppenheim, P. 2491.
pertenera Codakia; Dall, W. H. 2209.
pertenuis Rhynchodus; Eastman, C. R. 2240.
pervinquieri Membranipora; Canu, T. 2160.
petrodavae Caranx; Simionescu, J. 2635.
phaneroporata Ascosoma; Lorenz, T. 2421.
philippii Pseudotissotia; Solger, F. 2643.
phosphatica Gafschelys; Stefano (De), G. 2660.
phosphaticus Pliosaurus?; Stefano (De), G. 2660.
picteti Mantelliceras; Hyatt, A. 2346.
piettei Avicula; Scalia, S. 2575.
piluliformis Phacoides; Dall, W. H. 2209.

- piscatoria* Atrina; Glenn, L. C. 2296.
- piasaroi* Tectura; Peyrot. 2516.
- pittsfordensis* Eurypterus; Searle, C. J. 2602.
- Placerias* n. gen. Lucas, F. A. 2426.
- plana* Marmolatella; Picard, E. 2320.
- Oriostoma; Kindle, E. M. and Breger, C. L. 2370.
- planaris* Darellina; Buckman, S. S. 2150.
- planata* Gevillia; Broili, F. 2131.
- Mysidioptera; Broili, F. 2131.
- planibasalis* Cythere; Ulrich, E. O. and Basler, R. S. 2703.
- planum* Placenticeras; Hyatt, A. 2346.
- Protengonoceras; Hyatt, A. 2346.
- platystropha* Clavella; Pritchard, G. S. 2536.
- plebeia* Cythere; Ulrich, E. O. and Basler, R. S. 2703.
- Pleurophorella* n. gen. Girty, G. H. 2295.
- plieningeri* Pachycardia; Broili, F. 2131.
- pliocaeus* Lates; Koch, A. 2378.
- podagrinus* Phacoides; Dall, W. H. 2209.
- polaris* Astarte; Dall, W. H. 2211.
- polygona* Tissotia; Solger, F. 2643.
- pompeckji* Macrocephalites; Madsen, V. 2433.
- pondensis* Pulvinulina; Chapman, F. 2171.
- popoffianus* Saxidomus; Dall, W. H. 2213.
- porcella* Cythere; Ulrich, E. O. and Basler, R. S. 2703.
- porosum* Palmoxylon; Stenzel, K. G. W. 2666.
- posthuma* Rensselaeria; Fuchs, A. 2281.
- pracaensis* Pecten; Kittl, E. 2371.
- praeciliata* Microporella; Ulrich, E. O. and Basler, R. S. 2704.
- praecipta* n. var. Homotrypa curvata; Basler, R. S. 2097.
- praecisa* Venericardia; Dall, W. H. 2209.
- praecox* Dithyrocaris; Chapman, F. 2174.
- praecruciat* Clanculus; Michailovskij, G. P. 2460.
- praecursor* Sigmagraptus; Ruedemann, R. 2567.
- praegibba* Corbula; Oppenheim, P. 2491.
- praemontana* Pinus; Mogan, L. 2461.
- prazakii* Parellops; Bayer, F. 2101.
- precursor* Crepidula; Dall, W. H. 2213.
- prenasalis* Crocodilus; Loomis, F. B. 2419.
- prestoni* Cardita; Dall, W. H. 2209.
- prior* Neritaria; Picard, E. 2520.
- priscus* Ceriocrinus; Greene, G. K. 2304.
- Pristerognathus* n. gen. Broom, R. 2134.
- pritchardi* Ceratiocaris; Chapman, F. 2174.
- Prodicynodon* n. gen. Broom, R. 2137.
- producta* Cythere; Ulrich, E. O. and Basler, R. S. 2703.
- projecta* Braunsina; Buckman, S. S. 2150.
- prolixus* Zaphrentis; Greene, G. K. 2304.
- prominens* n. var. Homotrypa wortheni; Basler, R. S. 2907.
- Promyalina* n. gen. Kittl, E. 2371.
- prosephina* Entomis; Loomis, F. B. 2418.
- prosalinensis* Avicula; Broili, F. 2131.
- Protocetus* n. gen. Fraas, E. 2272.
- protocommunis* n. var. Pleurotoma communis; Martin, G. C. 2441.
- Protophyllocladus* n. gen. Berry, E. W. 2107.
- Protopora* n. gen. Greene, G. K. 2304.

- Protrochiascolithus* n. gen. Kiser, J. 2387.
- proxima* Reticularia; Kindle, E. M. and Breger, C. L. 2370.
- pruna* Erycina; Glenn, L. C. 2296.
- prunensis* Callocardia; Glenn, L. C. 2296.
- prunicola* Cancellaria; Martin, G. C. 2441.
- Scala; Martin, G. C. 2441.
- prunus* Phacoides; Dall, W. H. 2209.
- Pseudaspidoceeras* n. gen. Hyatt, A. 2346.
- Pseudocucullaea* n. gen. Solger, F. 2642.
- pseudolatifrons* Proetus; Reed, F. R. C. 2548.
- pseudorbignyianum* Placenticeras; Hyatt, A. 2346.
- ptychitum* Myoconcha; Kittl, E. 2371.
- Ptychocynodon* n. gen. Seeley, H. G. 2604.
- pulchelliformis* Heinzia; Hyatt, A. 2346.
- pulcher* Pleuronautilus; Crick, G. C. 2204.
- pulchra* Homotrypa; Bassler, R. S. 2097.
- punctata* Palmicellaria; Ulrich, E. O. and Bassler, R. S. 2704.
- Protorcula; Picard, E. 2520.
- punctistriata* Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
- pungens* Climacograptus; Ruedemann, R. 2567.
- pupillus* Phacops; Lake, P. 2391.
- pusillus* Bryograptus; Ruedemann, R. 2567.
- Diplocaulus; Broili, F. 2132.
- pustulosus* Pterinopecten; Hind, W. 2328.
- pygmaea* Astrocoenia; Felix, J. 2254.
- pygmaeus* Tetragraptus; Ruedemann, R. 2567.
- pyramidalis* n. var. *Drillia limatula*; Martin, G. C. 2441.
- pyramis* Chemnitzia; Scalia, S. 2575.
- quadricostatus* Phacoides; Dall, W. H. 2209.
- quattuornodosa* Schloenbachia; Lesswits, R. 2402.
- quernus* Homalonotus; Lake, P. 2391.
- radiatum* Nothamusium; Hind, W. 2328.
- ramulosa* Homotrypa; Bassler, R. S. 2097.
- rasile* Lytoceras; Prins, G. 2535.
- readi* Mysidiopora; Broili, F. 2131.
- recessa* Sportella; Glenn, L. C. 2296.
- recta* Myoconcha; Broili, F. 2131.
- rectecostatum* Loxonema; Picard, E. 2520.
- rectelineatus* Trypanostylus; Picard, E. 2520.
- recticostata* Dorella; Buckman, S. S. 2150.
- rectilineatum* Dictyonema; Ruedemann, R. 2567.
- rectistriata* Sigillaria; White, D. 2727.
- recurrens* Phacoides; Dall, W. H. 2209.
- reflua* Crickia; Buckman, S. S. 2150.
- regale* Pseudogrammoceras; Buckman, S. S. 2150.
- regularis* Megistocrinus; Wood, E. 2748.
- Paratissotia; Hyatt, A. 2346.
- reichenau* Ronzotherium; Deninger, K. 2219.
- reinachi* Ptychogaster; Roger, O. 2561.
- remotum* Palmoxylon; Stenzel, K. G. W. 2666.
- reticulata* Scala; Martin, G. C. 2441.
- reticulatoides* Cancellaria; Martin, G. C. 2441.
- Retiphycus* n. gen. Ulrich, E. O. 2701.

- retroflexa* Myoconcha; Broili, F. 2131.
retrorsicostatus Erycites; Prinz, G. 2535.
reversa Lepralia; Ulrich, E. O. and Bassler, R. S. 2704.
Rhaeboceras n. gen. Buckman, S. S. 2150.
rhodia Chione; Dall, W. H. 2209.
rhombicum Cancallophycus; Ulrich, E. O. 2701.
rhomboidea Mactra; Oppenheim, P. 2491.
rhomboideus Tristylotus; Parks, W. A. 2504.
Rhopalithes n. gen. Grabau, A. W. 2301.
richmondensis Homotrypa; Bassler, R. S. 2097.
richthofeni Stephanocare; Monke, H. 2462.
rickardia Erycina; Glenn, L. C. 2296.
robertsi Phacops; Reed, F. R. C. 2547.
robusta n. var. Hughmilleria socialis; Searle, C. J. 2602.
robustella Renasselaeria; Fuchs, A. 2281.
robustum Graphoceras; Buckman, S. S. 2150.
robustus Chonetes; Raymond, P. E. 2543.
rodburgensis Reynesella?; Buckman, S. S. 2150.
roemeri Schloenbachia; Lasswitz, R. 2402.
rosae Betula; Winkler, H. 2738.
rostratum Aphaneramma; Woodward, A. S. 2754.
rotabilis Braunsella?; Buckman, S. S. 2150.
rothpletzi Gervillia; Broili, F. 2131.
rotunda Mysidioptera; Broili, F. 2131.
rotundula Kellia; Glenn, L. C. 2296.
rugipunctata Cythere; Ulrich, E. O. and Bassler, R. S. 2703.
rugoides Rhopalithes; Grabau, A. W. 2301.
rugosa Ludwigella; Buckman, S. S. 2150.
rugulosa Myoconcha; Kittl, E. 2371.
rupert-jonesi Eriphyla; Etheridge, R., jun. 2251.
russelli Flemingites; Smith, J. P. 2639.
saharae Plesiolampas; Bather, F. A. 2099.
salomoni Avicula; Broili, F. 2131.
salpinx Rhynchonella; Dall, W. H. 2209.
sancarlosense Placenticerias; Hyatt, A. 2346.
santarosana Lucina; Dall, W. H. 2209.
———— Transennella; Dall, W. H. 2209.
sarajevensis Pecten; Kittl, E. 2371.
saundersi Phyllites; Knowlton, F. H. 2377.
scabrissima Lima; Woods, H. 2750.
Scapanodon n. gen. Broom, R. 2145.
sceleta Canavarella; Buckman, S. S. 2150.
schafarziki Erycites; Prinz, G. 2535.
schötzii n. var. Agnostus gibbus; Brogger, W. C. 2129.
Schizoblattina n. gen. Sellards, E. H. 2613.
Schizospondylus n. gen. Bayer, F. 2101.
schlosseri Microsyops; Wortman, J. L. 2761.
schlüteri Placenticerias; Hyatt, A. 2346.
Schluetericeras n. gen. Hyatt, A. 2346.
schmeisseri Lima; Wollemand, A. 2745.
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ERRATA.

THIRD ANNUAL ISSUE.

- p. 14, first column, for 9431 read 0431.
- p. 151, first column, after line 13, insert :
 AMPHIGRAPTUS [Graptolitoidea].
 ————— *distans*. Elles, G. L. & Wood, E. M. R. 1507.
- p. 193, for 6500.76 read 6500.75.
- p. 208, first column, after line 21, insert : *distans* Amphigraptus; Elles, G. L. & Wood, E. M. R. 1507.
- p. 153, second column, 10 lines from the bottom, insert :
 NEMAGRAPTUS [Graptolitoidea].
 ————— *gracilis* var. *remotus* n. var. Elles, G. L. & Wood, E. M. R. 1507.
 ————— *gracilis* var. *surcularis* n. var. Elles, G. L. & Wood, E. M. R. 1507.
- p. 221, second column, after line 14, insert : *remotus* n. var. *Nemagraptus gracilis*; Elles, G. L. & Wood, E. M. R. 1507.
- p. 225, first column, after line 6, insert : *surcularis* n. var. *Nemagraptus gracilis*; Elles, G. L. & Wood, E. M. R. 1507.
- p. 154, first column, after last line, insert :
 PLEUROGRAPTUS [Graptolitoidea].
 ————— *linearis* var. *simplex* n. var. Elles, G. L. & Wood, E. M. R. 1507.
- p. 223, first column, 16 lines from the bottom, insert : *simplex* n. var. *Pleurograptus linearis*; Elles, G. L. & Wood, E. M. R. 1507.
- p. 228, in the list of errata in the Second Annual Issue for *Holocostephanus* read *Holcostephanus*.

LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Acireale, Rend. Mem. Acc. Zelanti</i>	Rendiconti e Memorie della R. Accademia degli Zelanti, Acireale.	1 It.
<i>Albany Univ., N.Y., Bull. St. Mus.</i>	Bulletin of the New York State Museum. University of the State of New York, Albany, N.Y.	4 U.S.
<i>Albany Univ., N.Y., Rep. St. Mus.</i>	Report of the New York State Museum. University of the State of New York, Albany, N.Y.	6 U.S.
<i>Allatt. Közlem., Budapest...</i>	Állattani Közlemények, Budapest. [Zoologische Mittheilungen, Budapest.]	32 Hun.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. J. Sci., New Haven, Conn.</i>	American Journal of Science, New Haven, Conn.	19 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Amsterdam, Versl. Win. Nat. Afd. K. Akad. Wet.</i>	Verslagen der Vergaderingen van de Wis- en Natuurkundige Afdeeling der Koninklijke Akademie van Wetenschappen, Amsterdam. 8vo.	7 Hol.
<i>Anat. Anz., Jena ...</i>	Anatomischer Anzeiger. Centralblatt für die gesammte wissenschaftliche Anatomie, hrsg. v. v. Bardeleben. Jena. [zwanglos.] Nebst Ergänzungsheften.	40 Ger.
<i>Anat. Hefte, Wiesbaden ...</i>	Anatomische Hefte, hrsg. v. Merkel u. Bonnet. Wiesbaden. 1. Abth.: Arbeiten aus anatomischen Instituten. [5 H. jährl.] 2. Abth.: Ergebnisse der Anatomie und Entwicklungsgeschichte. [jähr.]	41 Ger.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford ...	4 U.K.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Arch. Landesg. Sachsen, Halle</i>	Archiv für Landes- und Volkskunde der Provinz Sachsen, hrsg. v. Kirchhoff. Halle. [jähr.]	73 Ger.

<i>Arch. Natur. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Ans.
<i>Arch. Sci. Phys., Genève ...</i>	Archives des sciences physiques et naturelles. Genève, Lausanne et Paris. 8vo.	10 Swi.
<i>Augsburg, Ber. natur. Ver.</i>	Bericht des naturwissenschaftlichen Vereins für Schwaben und Neuburg, früher naturhistorischen Vereins in Augsburg. Augsburg. [mehrjährl.]	96 Ger.
<i>Autun, Bul. soc. hist. nat....</i>	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	915 Fr.
<i>Autun, Bul. soc. sci. nat. ...</i>	Bulletin de la société des sciences naturelles. Autun (Saône-et-Loire).	149 Fr.
<i>Basel, Abh. Schweiz. Pal. Ges.</i>	Abhandlungen der schweizerischen paläontologischen Gesellschaft. Mémoires de la Société paléontologique suisse. Basel und Genf. 4to.	2 Swi.
<i>Belfast, Rep. Nat. F. Cl. ...</i>	Report and Proceedings of the Belfast Naturalists' Field Club, Belfast.	24 U.K.
<i>Berlin, Abh. geol. Landesanst.</i>	Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2-3 H. jährl.]	154 Ger.
<i>Berlin, Ber. D. bot. Ges. ...</i>	Berichte der deutschen botanischen Gesellschaft. Berlin. [monatl.]	164 Ger.
<i>Berlin, Jahrb. geol. Landesanst.</i>	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jährl.]	171 Ger.
<i>Berlin, Zs. D. geol. Ges. ...</i>	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.]	199 Ger.
<i>Berlin, Zs. Ges. Erdk. ...</i>	Zeitschrift der Gesellschaft für Erdkunde zu Berlin, hrsg. v. Kollm. Berlin. [2 monatl.]	200 Ger.
<i>Bern, Mitt. Natf. Ges. ...</i>	Mitteilungen der naturforschenden Gesellschaft in Bern. Bern. 8vo.	15 Swi.
<i>Biol. Centralbl., Leipzig ...</i>	Biologisches Centralblatt, hrsg. v. Rosenthal. Leipzig. [$\frac{1}{4}$ monatl.]	226 Ger.
<i>Bishop Auckland, Trans. Weardale Nat. F. Cl.</i>	Transactions of the Weardale Naturalists' Field Club, Bishop Auckland.	438 U.K.
<i>Boll. Naturalista, Siena ...</i>	Bollettino del Naturalista, Siena	33 It.
<i>Bologna, Mem. Acc. sc. ...</i>	Memorie dell' Accademia delle scienze dell'Istituto, Bologna.	42 It.
<i>Bologna, Rend. Acc. sc. ...</i>	Rendiconti delle sessioni dell' Accademia delle scienze dell' Istituto, Bologna.	43 It.
<i>Bonn, SitzBer. Ges. Natk....</i>	Sitzungsberichte der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn.	1295 Ger.
<i>Bonn, Verh. nathist. Ver.</i>	Verhandlungen des naturhistorischen Vereins der preussischen Rheinlande, Westfalens u. d. Reg.-Bez. Osnabrück. Nebst Sitzungsberichten der niederrheinischen Gesellschaft für Natur- und Heilkunde zu Bonn. Bonn. [jährl in je 2 Hälften.]	238 Ger.

<i>Bordeaux, Actes soc. linn.</i>	Actes de la société linnéenne de Bordeaux (Gironde). [trimestr.]	184 Fr.
<i>Bot. Centralbl., Jena, Beihefte</i>	Beihefte zum Botanischen Centralblatt. Referirendes Organ, hrsg. v. Uhlworm u. Kohl. Jena. [wöch.] Nebst Beiheften.	241 Ger.
<i>Bot. Gaz., Chicago, Ill., Univ. Chic.</i>	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
<i>Bot. Jahrb., Leipzig ...</i>	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
<i>Bremen, Abh. natw. Ver. ...</i>	Abhandlungen, hrsg. v. naturwissenschaftlichen Verein zu Bremen. Bremen. [1-2 H. jährl.]	253 Ger.
<i>Bristol, Proc. Nat. Soc. ...</i>	Proceedings of the Bristol Naturalists' Society, Bristol.	40 U.K.
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<i>Washington, D.C., Smithsonian Inst., Misc. Collect Q.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Proc.</i>	Smithsonian Institution. U. S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., U. S. Dept. Agric., Div. Biol. Surv., N. Amer. Fauna</i>	U. S. Department of Agriculture. Division of Biological Survey, North American Fauna, Washington, D.C.	510 U.S.
<i>Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Wellington, Trans. and Proc. N.Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wien, Abh. Geol. Reichsanst.</i>	Abhandlungen der k. k. Geologischen Reichsanstalt. Wien. [zwanglos.]	404 Aus.
<i>Wien, Beitr. Pal. Geol. Ontung.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und Gustav von Arthaber. Wien. [½ jährl.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jährl.]	420 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [½ jährl.]	— Aus.
<i>Wien, Mitt. Sekt. Nathe...</i>	Mitteilungen der Sektion für Naturkunde des Österreichischen Touristen-Klubs. Red. v. C. R. von Keissler. Wien. [monatl.]	451 Aus.
<i>Wien, Monbl. Wiss. Klub.</i>	Monatsblätter des Wissenschaftlichen Klubs in Wien. Red. v. Felix Karrer. Wien. [monatl., mit zwanglosen Beilagen.]	461 Aus.
<i>Wien, Sitzber. Ak. Wiss ...</i>	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichsanst.</i>	Verhandlungen der k. k. Geologischen Reichsanstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Wszzechświat, Warszawa ...</i>	Wszzechświat, tygodnik poświęcony naukom przyrodniczym, red. Br. Znatowicz, Warszawa. 4to. [weekly.]	57 Pol.
<i>Yorks. Proc. Geol. Polytechnic Soc.</i>	Proceedings of the Yorkshire Geological and Polytechnic Society, Halifax.	430 U.K.

<i>Zool. Anz., Leipzig</i> ...	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zool. Centralbl., Leipzig</i> ...	Zoologisches Centralblatt, hrsg. v. Schubert. Leipzig. [referierend, 26 Nrn jährl.]	1149 Ger.
<i>Zs. Ethn., Berlin</i> ...	Zeitschrift für Ethnologie, red. v. Bartels etc. Berlin. [2 monatl.] Nebst: Nachrichten über deutsche Alterthumskunde.	1181 Ger.
<i>Zürich, Vierteljahrsch. Natf. Ges.</i>	Vierteljahrsschrift der naturforschenden Gesellschaft in Zürich. Zürich und München. 8vo.	125 Swi.

The numbers in the right-hand column are those used in the General List of Journals.

International Catalogue of Scientific Literature.

I.—TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany,
Zoology, etc.]

1.—MAIN DIVISIONS.

- a.* The Earth as a whole.
- b.* Land as a whole.
- c.* Ocean as a whole.
- d.* Europe and Mediterranean Islands.
- e.* Asia and Malay Archipelago, Celebes and Timor inclusive.
- f.* Africa and Madagascar.
- g.* North America to boundary between United States and Mexico.
- h.* Mexico, Central and South America, and West Indian Islands.
- i.* Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k.* Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l.* Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m.* Indian Ocean and Islands limited on the south by Lat 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n.* Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o.* Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochinchina : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia.
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. ; Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur, etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S.W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America: Guatemala; Honduras; British Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* West Indian Islands; Caribbean Sea; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

k. ARCTIC.

- ka.* Arctic Ocean.
- kb.* Greenland.
- kc.* Archipelago north of North America.
- kd.* Islands north of Europe and Asia.

l. ATLANTIC.

- la.* North Atlantic Ocean and Islands not otherwise specified.
- lb.* Azores; Canaries; Madeira; Cape Verde.
- lc.* South Atlantic and Islands.

m. INDIAN OCEAN.

- ma.* Ocean and Islands N. of Equator.
- mb.* Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

n. PACIFIC.

- na.* North Pacific Ocean (North of Equator).
- nb.* South Pacific Ocean (South of Equator).
- nc.* Behring Sea and Islands (Aleutian Archipelago, etc.).
- nd.* Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- ne.* Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- nf.* Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- ng.* Galapagos Islands.
- nh.* Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

o. ANTARCTIC.

- oa.* Antarctic Continent as a whole.
- ob.* S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- oc.* Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- od.* Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I—TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc.
zu benutzen.]

1.— HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- dg.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).
- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- dn.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Nilthal bis 10° N. Br.; Abessynien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Süd-Afrika, südlich des Sambesi und der Grenze zwischen Portugiesisch und Deutsch Südwest-Afrika.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga.* Alaska.
- gb.* Canada als Ganzes.
- gc.* West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca. Alberta, Saskatchewan, Assiniboia.
- gd.* Ost-Canadisches Gebiet; Neufundland.
- ge.* Gebiet der Laurentischen Seen.
- gf.* Vereinigte Staaten als Ganzes.
- gg.* Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi.* Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha.* Mexiko.
- hb.* Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc.* Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd.* Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brasilien.
- hi.* Argentinien; Uruguay und Paraguay.
- hk.* Chile.
- hl.* Feuerland und benachbarte Inseln; Falkland Inseln.
- hm.* Die Anden.

i. AUSTRALASIEN.

- ia.* Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib.* Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic.* Australien als Ganzes.
- id.* Queensland.
- ie.* Neu-Süd-Wales.
- if.* Victoria.
- ig.* Süd-Australien.
- ih.* West-Australien.
- ii.* Tasmanien.
- ik.* Neu-Seeland.
- il.* Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

A. ARKTISCHES GEBIET

- ka.* Der Arktische Ocean.
- kb.* Grönland.
- kc.* Archipel nördlich von Nord-Amerika.
- kd.* Inseln nördlich von Europa und Asien.

I. ATLANTISCHES GEBIET.

- la.* Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb.* Azoren; Kanaren; Madeira; Cap Verde.
- lc.* Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma.* Ocean und Inseln nördlich vom Aequator.
- mb.* Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na.* Nordpazifischer Ocean (nördlich vom Aequator).
- nb.* Südpazifischer Ocean (südlich vom Aequator).
- nc.* Berings Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd.* Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
- ne.* Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf.* Fidschi-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phönix-Inseln etc., westlich vom Meridian 160° W. L.
- ng.* Galapagos-Inseln.
- nh.* Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pacifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa.* Der Antarktische Kontinent als Ganzes.
- ob.* Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc.* Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od.* Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pacifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I—GRANDES DIVISIONS.

- a. Données d'ensemble relatives au globe terrestre.
- b. Données d'ensemble relatives aux continents.
- c. Données d'ensemble relatives aux océans.
- d. Europe et îles méditerranéennes.
- e. Asie et Archipel Malais, Célèbes et Timor inclus.
- f. Afrique et Madagascar.
- g. Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h. Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i. Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k. Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l. Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique; et à l'ouest par le côté de l'Amérique du sud.
- m. Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S.; à l'ouest par le méridien 20° E. (Greenwich); dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n. Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S.; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o. Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.—En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ILES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark. Islande, îles Féroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dg.* Espagne et Portugal.
- dh.* Italie : Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* Etat du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord - Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih.* Australie occidentale.
- ii.* Tasmanie.
- ik.* Nouvelle Zélande.
- il.* Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka.* Océan arctique.
- kb.* Groenland.
- kc.* Archipel nord de l'Amérique du Nord.
- kd.* Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la.* Océan Atlantique septentrional et les îles qui n'ont pas encore été spécifiées.
- lb.* Açores ; Canaries ; Madère ; Cap Vert.
- lc.* Atlantique méridional et ses îles.

m. Océan Indien.

- ma.* Océan et les îles au nord de l'Equateur.
- mb.* Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na.* Pacifique septentrional (au nord de l'Equateur).
- nb.* Pacifique méridional (au sud de l'Equateur).
- nc.* Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd.* Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne.* Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf.* Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng.* Îles Galapagos.
- nh.* Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa.* Continent antarctique dans son entier.
- ob.* Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc.* Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od.* Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalogo Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1. —DIVISIONI PRINCIPALI.

- a.* La Terra nel suo complesso.
- b.* Le terre emerse.
- c.* L'oceano nel suo complesso.
- d.* Europa e Isole del Mediterraneo.
- e.* Asia e Arcipelago Malese, comprese Celebes e Timor.
- f.* Africa e Madagascar.
- g.* America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h.* Messico, America Centrale e Meridionale, e Indie Occidentali.
- i.* Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- l.* Regione Artica: Groenlandia e l'area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l.* L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m.* L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n.* Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o.* Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia : Svezia, Norvegia, Danimarca, Islanda, Fär Öer.
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda ; Belgio ; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dq.* Spagna e Portogallo.
- dh.* Italia : Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Servia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze : Tibet ; Corea.
- ec.* Isole del Giappone ; Formosa.
- ed.* Coccincina : Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica : Himulaya ; Birmania ; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia ; Afghanistan ; Belucistan.
- ei.* Turchia Asiatica ; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E. ; Egitto e Vallatta del Nilo fino al 10° di Lat. N. ; Abissinia ; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese ; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi ; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia. ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.* Oceano Artico.
- kb.* Groenlandia.
- kc.* Arcipelago Nord Americano.
- kd.* Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.* Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb.* Azorre; Canarie; Madera; Isole del Capo Verde.
- lc.* Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.* Oceano e Isole a Nord dell' Equatore.
- mb.* Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.* Pacifico del Nord (a N. dell' Equatore).
- nb.* Pacifico del Sud (a S. dell' Equatore).
- nc.* Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.* Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.* Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.* Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.* Isole Galapagos.
- nh.* Isole della Società. Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.* Regione antartica in generale.
- ob.* Georgia australe, Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.* Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.* Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

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(K) PALÆONTOLOGY.

- 0000 Philosophy.
- 0010 History. Biography.
- 0020 Periodicals. Reports of Institutions, Societies, Congresses, etc.
- 0030 General Treatises, Text Books, Dictionaries, Bibliographies, Tables.
- 0040 Addresses, Lectures.
- 0050 Pedagogy.
- 0060 Institutions, Museums, Collections, Economics.
- 0070 Nomenclature.
- 0100 Distribution of Life (Animal and Vegetable) in Past Times.
- 0150 Zonal Palæontology ; Mutations (Changes of Form in Successive Strata), etc.
- 0200 Evolution. (*See also* L 4300 ; N 0223 ; M 4400.)

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The alphabetical symbols for Topography can be added, if necessary. In this case a paper on Cretaceous Fishes from Asiatic Turkey would bear the symbol K 75.5431 *ei*.

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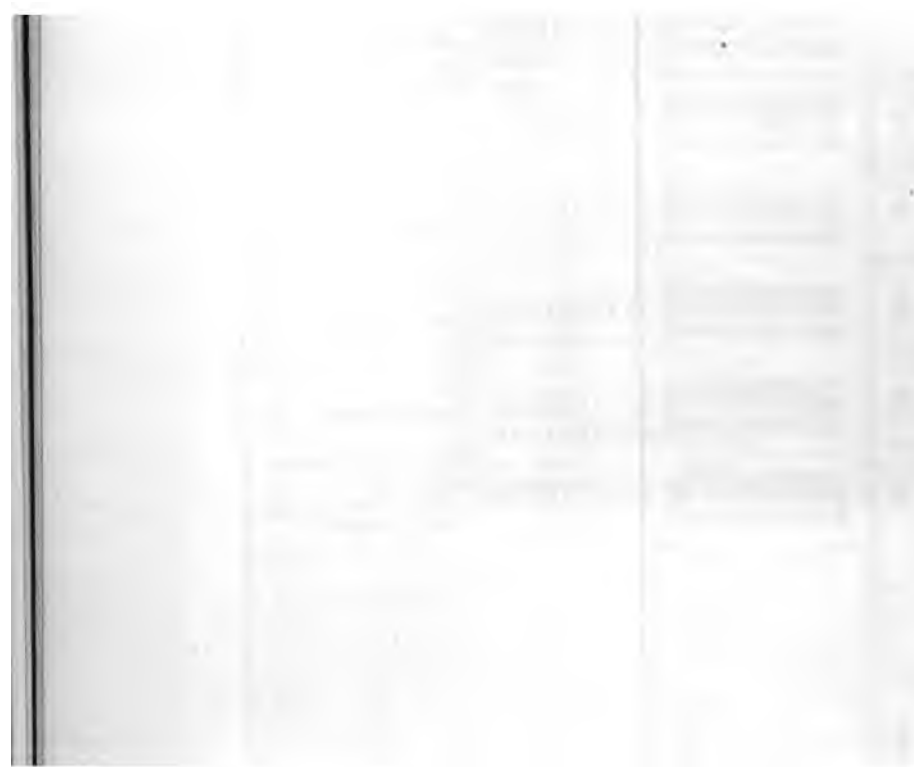
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Palaeozoology.		General, including strata of unknown age.		Lower Palaeozoic.		Upper Palaeozoic.		Triassic.		Jurassic.		Cretaceous.		Lower Cretaceous. Recent.		Upper Cretaceous. Recent.		Recent. and	
		35		50		65		70		75		85		90		95		96	
0231	General Palaeozoology	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0231	Vertebata	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2031	Mammalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6031	Aves	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6031	Reptilia and Batrachia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6431	Places	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5031	Tunicata, Amphioxus, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2431	Artropoda, including Insecta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2431	Myriopoda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2031	Arachnida	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2031	Xiphosura, Eurypterida, Trilobita, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2031	Crustacea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2231	Mollusca, including Cephalopoda, Gastropoda, Amphineura, Scaphopoda, and Lamellibranchiata	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2031	(Pelecypoda)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1031	Brachiopoda including Bryozoa (Polyzoa)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1031	Vermes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0831	Echinodermata	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0831	Cnidaria including Graptolithales	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0631	Porifera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0431	Fossils of doubtful affinity or origin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
0131	Fossils of doubtful affinity or origin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Palaeobotany.		35	50	55	65	70	75	85	90	95
5000	General Palaeobotany	...	50,5000	55,5000	65,5000	70,5000	75,5000	85,5000	90,5000	95,5000
6400	Dicotyledons	...	50,5400	55,5400	65,5400	70,5400	75,5400	85,5400	90,5400	95,5400
6000	Monocotyledons	...	50,6000	55,6000	65,6000	70,6000	75,6000	85,6000	90,6000	95,6000
6500	Gymnosperms	...	50,6500	55,6500	65,6500	70,6500	75,6500	85,6500	90,6500	95,6500
6700	Vascular Cryptogams	...	50,6700	55,6700	65,6700	70,6700	75,6700	85,6700	90,6700	95,6700
7000	Mosses and Hepatics	...	50,7000	55,7000	65,7000	70,7000	75,7000	85,7000	90,7000	95,7000
7300	Characeae	...	50,7300	55,7300	65,7300	70,7300	75,7300	85,7300	90,7300	95,7300
7400	Algae and Schizophyceae	...	50,7400	55,7400	65,7400	70,7400	75,7400	85,7400	90,7400	95,7400
7600	Lichens	...	50,7600	55,7600	65,7600	70,7600	75,7600	85,7600	90,7600	95,7600
7700	Fungi, Bacteria, and Mycetozoa	...	50,7700	55,7700	65,7700	70,7700	75,7700	85,7700	90,7700	95,7700
7900	Plants of unascertained position	...	50,7900	55,7900	65,7900	70,7900	75,7900	85,7900	90,7900	95,7900

(K-11720)

B 2



Catalogue International de la Littérature scientifique.

(K) PALÉONTOLOGIE.

- 0000 Philosophie.
- 0010 Histoire. Biographie.
- 0020 Périodiques. Rapports d'Institutions, de Sociétés, de Congrès, etc.
- 0030 Traités généraux, Manuels, Dictionnaires, Bibliographies, Tables.
- 0040 Discours, Lectures et Conférences.
- 0050 Enseignement.
- 0060 Institutions, Musées, Collections. Applications pratiques.
- 0070 Nomenclature.
- 0100 Distribution géographique des animaux et des plantes dans les temps passés.
- 0150 Paléontologie stratigraphique; changements de formes dans les couches successives.
- 0200 Evolution. (*Voy. aussi* L 4300; N 0223; M 4400.)

Le symbole numérique qui devra être employé pour les livres et mémoires paléontologiques est obtenu par une combinaison du nombre stratigraphique (2 chiffres) avec un nombre (4 chiffres) représentant la subdivision du règne animal ou végétal à laquelle appartient la forme fossile décrite. Ainsi un mémoire sur les Céphalopodes triasiques devra porter l'indice K 65.2231; un mémoire sur les Fougères carbonifères portera l'indice K 55.6700.

Les nombres pour les subdivisions zoologiques sont identiques à ceux qui sont employés dans la classification zoologique. Les nombres pour les subdivisions botaniques sont identiques à ceux qui sont employés dans la classification botanique.

Les symboles alphabétiques pour la Topographie peuvent être ajoutés, si c'est nécessaire. Dans ce cas un mémoire sur les Poissons crétacés de la Turquie d'Asie porterait le symbole K 75.5431 *et*.

Paléozoologie ou paléontologie
zoologique.

	Généralités, y compris les couches d'âge incertain.	Paléozoïque inférieur.	50	55	65	70	75	85	90	95
0231 Paléozoologie générale	35. 0231	55. 0231	65. 0231	70. 0231	75. 0231	85. 0231	90. 0231	95. 0231
5231 <i>Perthères</i>	35. 5231	55. 5231	65. 5231	70. 5231	75. 5231	85. 5231	90. 5231	95. 5231
6031 Mammifères	35. 6031	55. 6031	65. 6031	70. 6031	75. 6031	85. 6031	90. 6031	95. 6031
5631 Oiseaux	35. 5631	55. 5631	65. 5631	70. 5631	75. 5631	85. 5631	90. 5631	95. 5631
5631 Reptiles et Batraciens	35. 5631	55. 5631	65. 5631	70. 5631	75. 5631	85. 5631	90. 5631	95. 5631
5431 Poissons	35. 5431	55. 5431	65. 5431	70. 5431	75. 5431	85. 5431	90. 5431	95. 5431
5031 Tuniciers, Amphioxus, etc.	35. 5031	55. 5031	65. 5031	70. 5031	75. 5031	85. 5031	90. 5031	95. 5031
2431 <i>Arthropodes</i> , y compris les Insectes	35. 2431	55. 2431	65. 2431	70. 2431	75. 2431	85. 2431	90. 2431	95. 2431
3431 Myriapodes	35. 3431	55. 3431	65. 3431	70. 3431	75. 3431	85. 3431	90. 3431	95. 3431
3031 Arachnides	35. 3031	55. 3031	65. 3031	70. 3031	75. 3031	85. 3031	90. 3031	95. 3031
2831 Xiphocara, Eurypécridés, Trilobites, etc.	35. 2831	55. 2831	65. 2831	70. 2831	75. 2831	85. 2831	90. 2831	95. 2831
2631 Crustacés	35. 2631	55. 2631	65. 2631	70. 2631	75. 2631	85. 2631	90. 2631	95. 2631
2231 <i>Mollusques</i> , y compris les Cephalopodes, Gastropodes, (Polytypodes)	35. 2231	55. 2231	65. 2231	70. 2231	75. 2231	85. 2231	90. 2231	95. 2231
2031 Brachiopodes, y compris les Bryozoaires	35. 2031	55. 2031	65. 2031	70. 2031	75. 2031	85. 2031	90. 2031	95. 2031
1831 Vers	35. 1831	55. 1831	65. 1831	70. 1831	75. 1831	85. 1831	90. 1831	95. 1831
1031 Echinodermes	35. 1031	55. 1031	65. 1031	70. 1031	75. 1031	85. 1031	90. 1031	95. 1031
0831 Cœlentères, y compris les Graptolithoides	35. 0831	55. 0831	65. 0831	70. 0831	75. 0831	85. 0831	90. 0831	95. 0831
0631 Forifères	35. 0631	55. 0631	65. 0631	70. 0631	75. 0631	85. 0631	90. 0631	95. 0631
0431 Protozoaires	35. 0431	55. 0431	65. 0431	70. 0431	75. 0431	85. 0431	90. 0431	95. 0431
0131 Fossiles d'affinité ou d'origine douteuse	35. 0131	55. 0131	65. 0131	70. 0131	75. 0131	85. 0131	90. 0131	95. 0131

Paléobotanique ou Paléontologie botanique.		35	50	55	65	70	75	85	90	95
5000	Paléobotanique générale	...	35.5000	55.5190	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
5400	Dicotylédones	...	35.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6000	Monocotylédones	...	35.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6500	Gymnospermes	...	35.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6700	Gymnospermes vasculaires	...	35.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
7000	Mousses et hépatiques	...	35.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
7300	Characées	...	35.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
7400	Algues et Schizophytes	...	35.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
7600	Lichens	...	35.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7700	Champignons, Bactéries, et Mycéozoaïres	...	35.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7900	Plantes terrestres actuelles	...	35.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900



Internationaler Katalog der naturwissenschaftlichen Litteratur.

(K) PALÄONTOLOGIE.

- 0000 Philosophie.
- 0010 Geschichte. Biographien.
- 0020 Periodica. Berichte von Instituten, Gesellschaften,
Congressen etc.
- 0030 Allgemeine Abhandlungen, Lehrbücher, Wörterbücher,
Bibliographien, Tabellen.
- 0040 Festreden, Vorträge.
- 0050 Pädagogik.
- 0060 Institute, Museen, Sammlungen, Wirthschaftliches und
Organisatorisches.
- 0070 Nomenclatur.
- 0100 Vertheilung des Lebens (des thierischen und pflanzlichen)
in vergangenen Zeiten.
- 0150 Zonare Paläontologie; Mutationen (Formenänderungen in
auf einander folgenden Schichten) etc.
- 0200 Entwicklung. (*Siehe auch* L 4300; N 0223; M 4400.)

Das Zahlensymbol, welches für paläontologische Bücher und Schriften zu benutzen ist, wird gewonnen durch Combination der stratigraphischen geologischen Nummer (zwei Ziffern) mit einer vierziffrigen Zahl, welche die Unterabtheilung des Thier- oder Pflanzenreiches angiebt, zu der die beschriebenen fossilen Formen gehören. So würde eine Abhandlung über triassische Cephalopoden das Symbol erhalten: K 65.2231; eine solche über Farne des Carbon würde zu numeriren sein: K 55.6700.

Die Nummern für die zoologischen Unterabtheilungen sind identisch mit den im zoologischen Schema benutzten. Die Nummern für die botanischen Unterabtheilungen sind identisch mit den im botanischen Schema benutzten.

Wenn nöthig, können die alphabetischen Symbole für Topographie hinzugefügt werden. In diesem Falle würde eine Abhandlung über Fische der Kreide aus der asiatischen Türkei das Symbol tragen: K 75.5431 ei.

Paläozoologie.

Paläozoologie.												
	Allgemeines, einschli. Schichten von	35	unbekanntem Alter.	50	Obere Paläozoöcium.	65	Trias.	70	Kreide.	Unteres Tertiar. Eocän, Oligocän.	Obere Tertiar. Miocän, Pliocän.	Quartär und recente Bildungen.
0231	Allgemeine Paläozoologie	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231	96, 0231	96, 0231
5231	Vertebrata	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231	96, 5231	96, 5231
6031	Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031	96, 6031	96, 6031
5831	Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831	96, 5831	96, 5831
5631	Reptilia und Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631	96, 5631	96, 5631
5431	Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431	96, 5431	96, 5431
5031	Tunicata, Amphioxus, &c.	35, 5031	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031	96, 5031	96, 5031
2431	Arthropoda, einschli. Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431	96, 2431	96, 2431
3231	Myriopoda	35, 3231	50, 3231	55, 3231	65, 3231	70, 3231	75, 3231	85, 3231	90, 3231	95, 3231	96, 3231	96, 3231
3031	Arachnida	35, 3031	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031	96, 3031	96, 3031
2831	Xiphosura, Eurypterida, Trilobita, &c.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831	96, 2831	96, 2831
2631	Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631	96, 2631	96, 2631
2231	Mollusca einschli. Cephalopoda, Gastropoda, Amphineura, Scaphopoda und Lamellibranchia (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231	96, 2231	96, 2231
2031	Brachiopoda, einschli. Bryozoa (Polyzoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031	96, 2031	96, 2031
1831	Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831	96, 1831	96, 1831
1631	Echinodermata	35, 1631	50, 1631	55, 1631	65, 1631	70, 1631	75, 1631	85, 1631	90, 1631	95, 1631	96, 1631	96, 1631
0831	Cnidentermata, einschli. Graptolithoidea	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831	96, 0831	96, 0831
0631	Porifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631	96, 0631	96, 0631
0431	Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431	96, 0431	96, 0431
0131	Fossilien zweifelhafter Stellung und Herkunft	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131	96, 0131	96, 0131

Pflanzenpaläontologie.		35	50	55	65	70	75	85	90	95
5000	Allgemeine Pflanzenpaläontologie	...	50.5000	55.5000	65.5000	70.5000	75.5000	85.5000	90.5000	95.5000
5400	Dicotyledonen	...	50.5400	55.5400	65.5400	70.5400	75.5400	85.5400	90.5400	95.5400
6000	Monocotyledonen	...	50.6000	55.6000	65.6000	70.6000	75.6000	85.6000	90.6000	95.6000
6500	Gymnospermen	...	50.6500	55.6500	65.6500	70.6500	75.6500	85.6500	90.6500	95.6500
6700	Gefäß-Cryptogamen	...	50.6700	55.6700	65.6700	70.6700	75.6700	85.6700	90.6700	95.6700
7000	Laubmoose und Lebermoose	...	50.7000	55.7000	65.7000	70.7000	75.7000	85.7000	90.7000	95.7000
7300	Characeae	...	50.7300	55.7300	65.7300	70.7300	75.7300	85.7300	90.7300	95.7300
7400	Algen (einschl. der Schizophyceen).	...	50.7400	55.7400	65.7400	70.7400	75.7400	85.7400	90.7400	95.7400
7600	Flechten	...	50.7600	55.7600	65.7600	70.7600	75.7600	85.7600	90.7600	95.7600
7700	Pilze (einschl. der Bacillen und Schielm-	...	50.7700	55.7700	65.7700	70.7700	75.7700	85.7700	90.7700	95.7700
7900	Pflanzen ungewisser Stellung	...	50.7900	55.7900	65.7900	70.7900	75.7900	85.7900	90.7900	95.7900

1. The first part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

Catalogo Internazionale della Letteratura Scientifica.

(K) PALEONTOLOGIA.

- | | |
|------|--|
| 0000 | Filosofia. |
| 0010 | Storia. Biografia. |
| 0020 | Periodici. Resoconti di Istituti, Società, Congressi, ecc. |
| 0030 | Trattati generali, Manuali, Dizionari, Bibliografie, Indici. |
| 0040 | Relazioni, Letture. |
| 0050 | Pedagogia. |
| 0060 | Istituti, Musei. Collezioni, Applicazioni pratiche. |
| 0070 | Nomenclatura. |
| 0100 | Distribuzione della Vita (Animale e Vegetale) nei passati tempi. |
| 0150 | Paleontologia Stratigrafica; Mutazioni (Cambiamenti di forma in strati successivi), ecc. |
| 0200 | Evoluzione. <i>Vedi anche</i> L 4300; N 0223; M 4400. |

Il simbolo numerico da usarsi per libri e memorie paleontologiche è ottenuto colla combinazione del numero Stratigrafico-Geologico (per due cifre) col numero (quattro cifre) rappresentante la suddivisione del regno animale o vegetale al quale le descritte forme fossili appartengono. Così una memoria sopra Cefalopodi triassici avrà il simbolo K 65.2231; una sovra Felci carbonifere sarà numerata K 55.6700.

I numeri per le suddivisioni zoologiche sono identici con quelli usati nella schedula zoologica. I numeri per le suddivisioni botaniche sono identici con quelli usati nella schedula botanica.

I simboli alfabetici per la Topografia possono venir aggiunti, ove necessario. In tal caso una nota sopra Pesci Cretacei della Turchia Asiatica porterà il simbolo K 75.5431 *ei*.

Paleozoologia.

	Generale, includente strati di non completa etn.	Paleozoico inferiore.	Paleozoico superiore.	Triassico.	Girasolico.	Cretaceo.	Cenozoico inferiore.	Cenozoico superiore.	Pleistocene e recente.
0231 Paleozoologia generale	35, 0231	50, 0231	55, 0231	65, 0231	70, 0231	75, 0231	85, 0231	90, 0231	95, 0231
5231 Vertebrata	35, 5231	50, 5231	55, 5231	65, 5231	70, 5231	75, 5231	85, 5231	90, 5231	95, 5231
6031 Mammalia	35, 6031	50, 6031	55, 6031	65, 6031	70, 6031	75, 6031	85, 6031	90, 6031	95, 6031
5831 Aves	35, 5831	50, 5831	55, 5831	65, 5831	70, 5831	75, 5831	85, 5831	90, 5831	95, 5831
5631 Reptilia e Batrachia	35, 5631	50, 5631	55, 5631	65, 5631	70, 5631	75, 5631	85, 5631	90, 5631	95, 5631
5431 Pisces	35, 5431	50, 5431	55, 5431	65, 5431	70, 5431	75, 5431	85, 5431	90, 5431	95, 5431
5031 Tunicata, Amphioxus, etc.	35, 5031	50, 5031	55, 5031	65, 5031	70, 5031	75, 5031	85, 5031	90, 5031	95, 5031
2431 Arthropoda, Insecta	35, 2431	50, 2431	55, 2431	65, 2431	70, 2431	75, 2431	85, 2431	90, 2431	95, 2431
3431 Myriopoda	35, 3431	50, 3431	55, 3431	65, 3431	70, 3431	75, 3431	85, 3431	90, 3431	95, 3431
3031 Arachnida	35, 3031	50, 3031	55, 3031	65, 3031	70, 3031	75, 3031	85, 3031	90, 3031	95, 3031
2831 Xiphosura, Eurypterida, Trilobina, etc.	35, 2831	50, 2831	55, 2831	65, 2831	70, 2831	75, 2831	85, 2831	90, 2831	95, 2831
2631 Crustacea	35, 2631	50, 2631	55, 2631	65, 2631	70, 2631	75, 2631	85, 2631	90, 2631	95, 2631
2231 Mollusca, Insecta, Cephalopoda, Gastropoda, Amphipoda, Scaphopoda e Lamellibranchiata (Pelecypoda)	35, 2231	50, 2231	55, 2231	65, 2231	70, 2231	75, 2231	85, 2231	90, 2231	95, 2231
2031 Brachiopoda, Insecta Bryozoa (Polizoa)	35, 2031	50, 2031	55, 2031	65, 2031	70, 2031	75, 2031	85, 2031	90, 2031	95, 2031
1831 Vermes	35, 1831	50, 1831	55, 1831	65, 1831	70, 1831	75, 1831	85, 1831	90, 1831	95, 1831
1031 Echinodermata	35, 1031	50, 1031	55, 1031	65, 1031	70, 1031	75, 1031	85, 1031	90, 1031	95, 1031
0831 Coelenterata, Insecta Graptolithoides	35, 0831	50, 0831	55, 0831	65, 0831	70, 0831	75, 0831	85, 0831	90, 0831	95, 0831
0631 Porifera	35, 0631	50, 0631	55, 0631	65, 0631	70, 0631	75, 0631	85, 0631	90, 0631	95, 0631
0431 Protozoa	35, 0431	50, 0431	55, 0431	65, 0431	70, 0431	75, 0431	85, 0431	90, 0431	95, 0431
0131 Fossili di dubbia affinità od origine	35, 0131	50, 0131	55, 0131	65, 0131	70, 0131	75, 0131	85, 0131	90, 0131	95, 0131



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Lucas, Frederic A[ugustus]. Notes on the osteology and relationship of the fossil birds of the genera *Hesperornis*, *Hargeria* [n. gen., type *Hesperornis gracilis*], *Baptornis* and *Diatryma*. [Suggests that *Diatryma* belongs to the Stereornithes and that *Baptornis* represents a separate order from *Hesperornis*.] Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **26**, 1903, (545-556, with text fig.). Separate. 24.3 cm.

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nc **Islands N. of Equator and W. of 180°.**

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gi **Western United States.**

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g NORTH AMERICA.*gi* Western United States.

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Lehmann-Nitsche, Robert. Zur Vorgeschichte der Entdeckung von *Grypotherium* bei Ultima Esperanza. (Naturwissenschaftliche Abhandlungen. H. 29.) Berlin (F. Dümmler), 1901, (48). 23 cm.

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Richters, Ferdinand. [Mikr. Untersuchung von *Grypotherium*-Dung.] Frankfurt a. M., Ber. Senckenb. Ges., **1904**, (46).

PALAEOZOOLOGY.

B. ZOOLOGICAL CLASSIFICATION.

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0231.45 PALAEOZOIC.

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0231.55 UPPER PALAEOZOIC.

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0431 PROTOZOA.

0431.50 LOWER PALAEOZOIC.

Globigerina ? mantoensis n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (10).

0431.70 JURASSIC.

GENERAL.

Brückmann, R. Die Foraminiferen des litauisch-kurischen Jura. Königsberg, Schr. physik. Ges., 45, 1904, Abh., (1-36, mit 4 Taf.).

SPECIAL.

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Cristellaria nn. spp. Jura. Brückmann, R. l.c. Abh., (13-23, Taf. II-III).

Epistomina porcellanea n. sp. Jura. Brückmann, R. l.c. (26-27, Taf. IV).

Fronidularia nn. spp. Jura. Brückmann, R. l.c. (10-13, Taf. I).

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0431.75 CRETACEOUS.

GENERAL.

Gough, G. C. Foraminifera in Irish greensand. Irish Nat., Dublin, 14, 1905, (109).

Wright, Joseph. Lower Greensand Foraminifera from Little Coxwell, near Faringdon. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (238-239).

SPECIAL.

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Deutschland. **Hucke**, K. l.c.

Lagena pura n. sp. Deutschland.
Hucke, K. l.c.

Marginulina rostrata n. sp. Deutsch-
land. **Hucke**, K. l.c.

Xanthidium = Eier von Meeres-
thieren. **Fuchs**, T. Centralbl. Min.,
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0431.80 CAENOZOIC.

GENERAL.

Bagg, R. M., jun. Miocene Foraminifera from the Monterey shale of California, with a few species from the Tejon formation. [With bibliography.] Washington, D.C., U. S. Dept. Int., Bull. Geol. Surv., No. **268**, 1905, (78+III, with text fig. and pl.).

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SPECIAL.

Cyclammina uhligi Schub., u. *C. draga* Lieb. et Schub. **Schubert**, R. J. Wien, Verh. Geol. RchsAnst., **1904**, (353-356).

0431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Renault, B. Sur quelques nouveaux infusoires. Autun, Bul. soc. hist. nat., **16**, 1903, (Pr. verb., 25-27, av. fig.).

Schubert, R. J. Mitteleocäne Foraminiferen aus Dalmatien. III. Von der Insel Lavsa (bei Inconronata). Wien, Verh. Geol. RchsAnst., **1904**, (326-329).

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SPECIAL.

Nummulites, dimorphism of the English spp. **Lister**, J. J. London, Proc. R. Soc., **B 76**, 1905, (298-319, with 3 pls.); Cambridge, Proc. Phil. Soc., **13**, 1905, (1-2).

Orthophragmina nn. spp. Alpes. **Schlumberger**. Paris, Bul. Soc. géol., (sér. 4), **4**, 1904, (119-135, av. pl.).

Pulvinulina klemmi n. sp. Steppenheim. **Steuer**, A. Darmstadt, Notizbl. Ver. Erdk., (4. F.), **25**, 1904, (25, Taf. VIII).

Rotalia fallax n. sp. Steppenheim. **Steuer**, A. l.c. (24, Taf. VIII).

0431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Bagg, R. M., jun. Miocene Foraminifera from the Monterey shale of California, with a few species from the Tejon formation. [With bibliography.] Washington, D.C., U. S. Dept. Inst., Bull. Geol. Surv., No. **268**, 1905, (78+III, with text-fig. and pl.).

SPECIAL.

Bathysiphon. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Lepidocyclus. **Lemoine**, P. et **Douvillé**, R. Paris, Bull. soc. géol., (sér. 4), **4**, 1904, (349).

Sagrina nn. spp. California. Miocene. **Bagg**, R. M. jun. Washington, D.C., U. S. Dept. Inst., Bull. Geol. Surv., **268**, 1905, (39-41, pl. VII).

0431.95 PLEISTOCENE AND RECENT.

Quadrula subglobosa, subfossil in Schweden. **Lagerholm**, G. Stockholm, Geol. För. Förh., **24**, 1902, (346-352, with pl.).

0631 PORIFERA.

0631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Minchin, E. A. A speculation on the phylogeny of the Hexactinellid sponges. Zool. Anz., Leipzig, **28**, 1905, (439-448).

0631.50 LOWER PALAEOZOIC.

Protospongia chloris n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (10).

Receptaculites australis Salter. *R. fergusonii* n. sp. Queensland. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 18, 1905, (6-7).

0631.55 UPPER PALAEOZOIC.

Sphenodictya n. gen., *S. cornigera*. Herzer, H. Columbus, Rep. Ohio Acad. Sci., 9, 1900, 1901, (39-31, with illustr.).

0631.75 CRETACEOUS.

Cribrospongia reticulata Goldf. Favre, J. Charikov, Trd. Obšč. ispyt. priro., 38, 2, 1903, (96-97).

Placoscyphia sp. Favre, J. l.c. (97-98).

Scyphia beaumontii Reuss. Favre, J. l.c. (97).

Ventriculites. Favre, J. l.c. (94-96).

0831 COELENTERATA.

0831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Duerden, J. E. . . . Recent and fossil corals. Grant No. 12. [Preliminary report.] Washington, D.C., Carnegie Inst. Year Book, 1903, No. 2, 1904, (xli-xlii).

Jakolev, N. N. Ueber die Morphologie und Morphogenie der Rugosa. St. Petersburg, Verb. Russ. mineral. Ges., (Ser. 2), 41, 1903, (325-415).

Römer, F. [Bericht über die wissenschaftl. Leistungen in d. Naturgesch. der] Graptolitida für 1896-1900. Arch. Natg., Berlin, 65, Bd 2, H. 3, 1899 [1905], (49-62).

Schepotkin, A. Ueber die der Graptolithen im zoologischen N. Jahrb. Min., Stuttgart, 1 (79-96).

Schoenichen, W. Die Grap Promethous, Berlin, 15, 1904 (823).

Vaughan, T. W. A critical r the literature on the simple g the Madreporaria Fungida, with tive classification. [With bibliq Washington, D.C., Smithsonian Nation. Mus., Proc., 28, 1905 (424).

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SPECIAL.

Cyphastraea intermedia n. sp. ten. Felix, J. Berlin, Zs. l Ges., 56, 1905, Aufsätze, (198, fig. 1).

Favia minor n. form. E Felix, J. l.c. (199, pl. X, fig. 6).

Favosites argentina n. sp. tinien. Thomas, I. l.c. 57, 190 sätze, (268-269, pl. XII).

Kerunia, symbiosis. Noposa, I Mag. Nat. Hist., London, (Ser. 1905, (95-102, with pl. and figs.)

Leptophyllidae n. nom. (= Eth Gregory). Vaughan, T. W. W ton, D.C., Smithsonian Ins. Natio Proc., 28, 1905, (391-392).

Micrabaciidae n. fam. V T. W. l.c. (371-424).

Orbicella nn. spp. Aegypten. J. Berlin, Zs. D. geol. Ges., 54 Aufsätze, (171, 195, pl. X, fig and 5).

Parapsonema kein Echinoder nern ~ *Porpita*. Fuchs, T. Ce Min., Stuttgart, 1905, (357-359).

Solenastraea anomala n. sp. ten. Felix, J. Berlin, Zs. l Ges., 56, 1904, Aufsätze, (173, fig. 3).

0831.45 PALAEOZOIC.

Duerden, J. E. Recent results on the morphology and development of coral polyps. Washington D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (93-111, with text fig.).

— A method of studying the septal sequence in paleozoic corals. Chapel Hill, N.C., J. Elisha Mitchell Sci. Soc., **19**, 1903, ([32]-33).

Greene, George K. Contribution to Indiana palaeontology. Part 10. New Albany, Ind., 1902, (85-97 + 3 l., with pl.). 22.8 cm.

0831.50 LOWER PALAEOZOIC.

GENERAL.

Kerforné, F. Notes sur quelques échantillons de graptolithes de Bretagne intéressants au point de vue de l'organisation et du développement. Rennes, Bul. soc. sci. méd., **11**, 1902, (124-127, av. 1 fig.).

Noel, C. Sur la faune des Lydiennes du Grès vosgien. Paris, C.-R. Acad. sci., **138**, 1904, (1531-1533).

Želisko, J. V. Notiz über die Korallen des mittel-böhmischen Obersilur aus dem Fundorte „V. Kozle.“ Wien, Verh. Geol. RchsAnst., **1904**, (304-307).

Actinostroma trentonensis n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (139, pls. VI and VII).

Anthograptus n. gen. *A. nidus* n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (22-23, with pl.).

Bryograptus simplex n. sp. Sweden. **Törnquist, S. L.** l.c. (3-4, with pl.).

Limacograptus wellingtonensis n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (22).

Clonograptus subtilis n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (20-21, with pl.).

Cryptograptus tricornis Carruthers figured. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (22).

Dendrograptus maximus n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (187-188, with pl.).

Desmograptus ? formosus n. sp. **Wiman, C.** l.c. (188-189, with pl.).

Dicellograptus elegans Carruthers figured. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (23).

— *lazatus* n. sp. Norway. **Lapworth, Chas.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (9-10, with fig.).

Dichograptus regularis n. sp. Sweden. **Törnquist, S. L.** Lund, Univ. Årsskr., **40**, 1904, Afd. 2, No. 2, (20, with pl.).

Dicranograptus nicholsoni Hopkinson figured; *D. hians* n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (24).

Didymograptus euodus Lapw. var., *bjørlykki* n. var.; *D. bifidus*, *D. gibberulus*, *D. nicholsoni*, *D. hirundo*, *D. extensus*. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (10-15, with fig.).

Diplograptus teretiusculus. Norway. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (1-9).

— *thielei* n. sp. Victoria. **Hall, T. S.** Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (21).

Discograptus n. gen., *D. schmidtii* n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (191-192, with pl.).

Favosites corrugatus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (220, pl. XVII, figs. 1 and 2).

Galeograptus n. gen., *G. wrennersteni* n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (189-191, with pl.).

Inocaulis musciformis n. sp. **Wiman, C.** l.c. (191, with pl.).

Phyllograptus angustifolius. Norway. **Lapworth, C.** Norges geol. Und., Kristiania, No. **39**, (Appendix), 1905, (1-8).

Reticulograptus n. gen., type *Dictyonema tuberosum* Wim. **Wiman, C.** Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (189-191, with pl.).

Romingeria ? trentonensis n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (138, pl. VI, fig. 5).

Schisograptus nn. spp. Sweden. Törnquist, S. L. Lund, Univ. Årskr., 40, 1904, Afd. 2. No. 2, (24-26, with pl.).

Tetragraptus vestrogothus n. sp. Sweden. Törnquist. l.c. (7, with pl.).

0831.55 UPPER PALAEZOIC.

Amplexus cornutus n. sp. Central-Russland. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (13); deutsches Rés., (74-75).

Anisophyllum carbonicum n. sp. Central-Russland. Stuckenberg, A. l.c. (19); deutsches Rés., (79-80).

Aulopora repens. Stuckenberg, A. l.c. (6).

Campophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (21-23); deutsches Rés., (80-83).

—— *uralicum*. Tokarenko, I. Kazan', Trd. Obsč. jest., 37, 2, 1903, (6).

Caninia, nn. spp. Central-Russland. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (24-32); deutsches Rés., (88-90).

Chaetetes radians, *C. fischeri*. Stuckenberg, A. l.c. (11).

Chonaxin verneuili. Stuckenberg, A. l.c. (44); deutsches Rés., (95-97).

Cladochonus schlüteri. Tokarenko, I. Kazan', Trd. Obsč. jest., 37, 2, 1903, (6-7).

Cladopora multiseriata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (271, pl. XXVI, figs. 2 and 3).

Clisiophyllum nn. spp. Central-Russland. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (50-53); deutsches Rés., (101-105).

Cyathophyllum regium. Stuckenberg, A. l.c. (20); deutsches Rés., (80).

Cyclophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (47-50); deutsches Rés., (98-101).

Dybowskiella rossica n. sp. Central-Russland. Stuckenberg, A. l.c. (13); deutsches Rés., (74).

Dibunophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (56-57).

Fischerina n. gen., *F. rossica* n. sp. Central-Russland. Stuckenberg, A. l.c. (58); deutsches Rés., (107-108).

Geinitzella columnaris var. *incrustans*. Stuckenberg, A. l.c. (12).

Heliophyllum nn. spp. Indiana. Devonian. Greene, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. 49, 1902, (85, pl. XXVIII, figs. 1-5).

Hezaphyllia n. gen., *H. prismatica* n. sp. Central-Russland. Stuckenberg, A. l.c. (5); deutsches Rés., (72).

Koniosphyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (45-46); deutsches Rés., (97-98, mit 9 Taf.).

Lithostrotion rossicum n. sp. Central-Russland. Stuckenberg, A. l.c. (36); deutsches Rés., (92-93).

Lonsdaleia nn. spp. Central-Russland. Stuckenberg, A. l.c. (41-42); deutsches Rés., (93-95).

Lophophylloides n. gen., *L. schellwieni* n. sp. Central-Russland. Stuckenberg, A. l.c. (34); deutsches Rés., (91-92).

Lophophyllum nn. spp. Central-Russland. Stuckenberg, A. l.c. (17-19); deutsches Rés., (77-79).

Menophyllum. Stuckenberg, A. l.c. (16).

—— *ulrichianum* n. sp. Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Papers, 16, 1903, (271).

Michelinia tenuisepta. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (12).

Pachyphyllum nn. spp. Iowa. Webster, C. L. Iowa Nat., Iowa City, Iowa, 1, 1905, (70-71).

Pseudozaphrentoides n. gen., *P. jero-feceri* n. sp. Central-Russland. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (33); deutsches Rés., (90-91).

Strephodes munchisoni, *S. giganteus*. Stuckenberg, A. l.c. (58-59).

Stromatoporella cracoviensis n. sp. Gürich, G. Wien, Beitr. Pal. Geol. OestÜng., 17, 1904, (1-5, mit 1 Taf.).

Syringopora rossica n. sp. Central-Russland. Stuckenberg, A. l.c. (7-11); deutsch. Rés., (73).

Trachypora oriskania n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (341, pl. XLV, figs. 1 and 2).

Zaphrentis. **Stuckenberg**, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), **14**, 1904, (14).

—— *amplexiformis* n. sp. Indiana. Devonian. **Greene**, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. **10**, 1902, (86, pl. XXVIII, figs. 6-8).

Zaphrentoides nn. spp. Central-Russland. **Stuckenberg**, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), **14**, 1904, (15-16); deutsches Rcs., (75-76).

0831.70 JURASSIC.

Aplosmilium sokolovii n. sp. Russia. **Missuna**, A. Moskva, Bull. Soc. Nat., **1904**, (193-194, 3 Taf.).

Azonsmilium cf. *cylindrata*. **Missuna**, A. l.c. (191).

Dimorphastraea cf. *dubia*, cf. *vasiformis*, *D. lineata*. Russia. **Missuna**, A. l.c. (213-216).

Enallohelium. **Missuna**, A. l.c. (188-189).

Epismilium nn. spp. Russia. **Missuna**, A. l.c. (189-190).

Epistreptophyllum tenue. **Missuna**, A. l.c. (207).

Goniocora taurica n. sp. Russia. **Missuna**, A. l.c. (205-206).

Helioecenia variabilis. **Missuna**, A. l.c. (196).

Isastraea minima n. sp. Russia. **Missuna**, A. l.c. (205).

Latimacandra compacta n. sp. Russia. **Missuna**, A. l.c. (204-205).

Latusastraea alveolaris. **Missuna**, A. l.c. (206).

Leptophyllia nn. sp., *L. fungina*, *L. plana*, *L. fromenteli*. Russia. **Missuna**, A. l.c. (207-211).

Microsolena culcitaeformis. **Missuna**, A. l.c. (216).

Montlivaultia nn. spp. Russia. **Missuna**, A. l.c. (200-202).

Plesiosmilium gracilis. **Missuna**, A. l.c. (190).

Rhippidogyra magna n. sp., *R. elegans*, *R. crassa*. Russia. **Missuna**, A. l.c. (191-193).

Stylina compressa n. sp. Russia. **Missuna**, A. l.c. (195-196).

Thamnastraea cf. *valcotti*, *T. patina*, *T. cf. digetata*. **Missuna**, A. l.c. (211-213).

Thecosmilium vasiformis n. sp. Russia. **Missuna**, A. l.c. (203).

0831.75 CRETACEOUS.

Astroecenia subornata d'Orb. var. *africana*. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (11, Taf. II., fig. 5).

Parasmilium (*centralis*?) **Mant. Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (98-99).

0831.80 CAENOZOIC.

Antilloseris n. gen., (type *Turbinoseris eocaenica* Duncan). West Indies. **Vaughan**, T. W. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **28**, 1905, (390-391).

Orbicella thesiana n. sp. Columbia. **Felix**, J. München, SitzBer. Ak. Wiss., math-phys. Cl., **35**, 1905, (85-93).

Physoseris n. gen., (type *Trochosmilium insignis* Duncan). West Indies. **Vaughan**, T. W. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **28**, 1905, (396-397).

0831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Alveopora gracilis n. sp. Madagascar. **Tornquist**, A. Frankfurt a. M., Abh. Senckenb. Ges., **27**, 1904, (331-332, Taf. XLVI).

Dendracis meridionalis n. sp. Madagascar. **Tornquist**, A. l.c. (321 + Taf. XLVI).

Goniopora parkinsoni (**Gregory-Litharaea**). **Newton**, R. B. London, Q. J. Geol. Soc., **61**, 1905, (174).

0831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Flabellum papakurensense n. sp. New Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., **37**, 1905 (415, pl. XXXII, figs. 1, 2).

1031 ECHINODERMATA.

1031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Bather, [F. A.]. [Echinoderms as Rock-builders.] London, Q. J. Geol. Soc., 61, 1905, (Proc. lxxxvii).

Savin, I. Catalogue des échinides de la Savoie. Paris, C.-R. ass. franç. avanc. sci., 31, (Montauban, 1902), 1^e partie, 1902, (211-212); 2^e partie, 1903, (489-491).

SPECIAL.

Parapeonema kein Echinodern sondern ~ *Porpita*. Fuchs, T. Centralbl. Min., Stuttgart, 1905, (354-359).

1031.45 PALAEOZOIC.

Rowley, R. R. A review of Dr. G. Hambach's "Revision of the Blastoides . . ." In: Greene, G. K. Contribution to Indiana palaeontology. Part 19. New Albany, Ind., 1904, (192-197).

1031.53 LOWER PALAEOZOIC.

GENERAL.

Jaekel, O. Ueber sogenannte Lobolithen. Berlin, Zs. D. geol. Ges., 56, 1904, Protokolle, (59-63).

Rowley, R. R. The Echinodermata of the Missouri Silurian and a new Brachiopod. Amer. Geol., Minneapolis, Minn., 34, 1904, ([269]-282, with 1 pl.).

SPECIAL.

Calceocrinus allenii n. sp. Rowley, R. R. Amer. Geol., Minneapolis, Minn., 34, 1904, (275, pl. XVI).

Camarocrinus ulrichi var. *stellifer* n. var. Indian Territory, Siluria. Schuchert, C. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (272).

Cleioocrinus. Lower Silurian. Springer, F. Cambridge, Mass. Mem. Mus. Comp. Zool. Harvard Coll., 25, 1905, (1 l. + [93]-114, with text fig. and 1 pl.).

Cordylocrinus ? dubius n. sp. 1 R. R. Amer. Geol., Minneapolis, 34, 1904, (272, pl. XVI).

Cyathocrinus ? ovalis n. sp. 1 R. R. l.c. (271, pl. XVI).

Gisocrinus ? problematicus Rowley, R. R. l.c. (277, pl. XVI).

Glyptocrinus nn. spp. Rowley l.c. (275-278, pl. XVI).

Jackelocystis nn. spp. West V Schuchert, C. Washington, D.C., sonian Inst., Misc. Collect. Q., 47 (225-226).

Lamptrocrinus ? comptus n. sp. ley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (279, pl. XVI).

Lapicorthura miltoni, structure. W. J. London, Rep. Brit. Ass. (1905), (546).

Lecanocrinus ? hemisphericus Rowley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (271, pl. XVI).

Lepocrinites manlius n. sp. Virginia. Schuchert, C. Wash D.C., Smithsonian Inst., Misc. Coll 47, 1904, (214).

Melocrinus wittenbergensis Rowley, R. R. Amer. Geol., Minn. Minn., 34, 1904, (274, pl. XVI).

Pisocrinus nn. spp. Rowley, l.c. (270, pl. XVI).

Pseudocrinites nn. spp. 1 United States. Schuchert, C. W ton, D.C., Smithsonian Inst., Mus. (Q., 47, 1904, (231-235).

Sphaerocystites bloomfieldensis S. globularis var. ovalis n. var. sylvania. Schuchert, C. l.c. (25).

Tetracystis n. gen., T. *chrysa fenestratus* nn. spp. Tennessee Virginia. Schuchert, C. l.c. (217).

Trimerocystis n. gen., T. *pecul.* sp. Schuchert, C. l.c. (237-238).

1031.55 UPPER PALAEOZOIC

Archaeocidaris ourayensis Colorado. Girty, G. H. Wash D.C., Dept. Int. U. S. Geol. Surv Pap., No. 16, 1903, (329).

Codaster attenuatus var. *roba* var. Rowley, R. R. In: Greene Cont. Ind. palaeont., New Alban pt. 10, 1902, (99, pl. XXX).

Cyathocrinus sp. **Tokarenko**, L. Kazan', Trd. Obsč. jest., **37**, 2, 1903, (7).

Ithyocrinus magnaradialis n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (86, 299, pl. XXXIII).

Maragnicrinus n. gen., *M. portlandicus* n. sp. New York. Devonian. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (17-18).

Orbitremites nn. spp. Indiana. **Rowley**, R. R. In: **Greene**, G. K. Cont. Ind. palaeont., New Albany, Ind., pt. **10**, 1902, (86, pl. XXIX, 96, pl. XXX). 22.8 cm.

Pentremites conoideus nn. var. Indiana. **Rowley**, R. R. In: **Greene**, G. K. l.c. (87-88).

Pentremitidea nn. spp.; *P. leda*? var. *magna* n. var. Indiana. **Rowley**, R. R. In: **Greene**, G. K. l.c. (92-93, pl. XXX).

Sympterura n. gen., *S. minveri* n. sp. Cornwall. **Bather**, F. A. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (161-169, with pl.).

1031.70 JURASSIC.

GENERAL.

Dacqué, Edgar. Beiträge zur Geologie des Somalilandes. II. Theil: Oberer Jura. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (119-159, mit 5 Taf.).

Remes, M. Ueber Difformitäten der Crinoiden aus dem roten Kalk von Kopřivnice. (Čechisch) Prostějov, Věstn. Kl. přír., **4**, 1902, (76-82, mit 2 Taf.).

SPECIAL.

Apiocrinus. **Remeš**, M. Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (61-62).

Balanocrinus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. IdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cidaris moravica n. sp. Ungarn. **Remeš**, M. Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (63).

Cyrtocrinus digitatus n. sp. Ungarn. **Remeš**, M. l.c. (60).

(κ-11720)

Pentacrinus wiesbauri n. sp. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. IdMus., **4**, 1904, (89-154, mit 1 Taf.).

Pseudocidaris ellenbecki n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (124-125, Taf. XIV, figs. 3-4).

Pseudosaccocoma n. gen., *P. strambergense* n. sp. Ungarn. **Remeš**, M. l.c. **18**, 1905, (62-63).

Thiolliericrinus. Ungarn. **Remeš**, M. l.c. (60-61).

1031.75 CRETACEOUS.

Ananchytes ovata. Lamck. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (101-102, Taf. II).

Cidaris papillata. Mant. **Favre**, I. l.c. (99).

Comptonia comptoni (Forbes; *Stelaster*, 1848). **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (69).

Discoidea subucula. **Bather**, F. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **15**, 1905, (145-148).

Echinoconus sp. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (100).

Hemiaster. **Lambert**, J. Auxerre, Bul. soc. sci. hist. nat., 2^e partie, Sci. phys. Nat., **57**, 1903, [1904], (21-31).

Holaster sp. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir. **38**, 2, 1903, (100-101).

Isocrinus holsaticus n. sp. **Jaekel**, O. Berlin. SitzBer. Ges. natf. Freunde, **1904**, (191-196, mit 1 Taf.).

Mitranter compactus (Forbes; *Gonias*ter, 1848). **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (67).

Noetlingia de Madagascar. **Boule**, M. Paris, Bul. soc. géol., (sér. 4), **4**, 1904, (172-173).

Nymphaster radiatus, n. sp. U.K. **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (73).

Pentaceros (Forbes; *Oreaster*, 1848); nn. spp. U.K., *P. bulbiferus*, *P. boyssii*, *P. coronatus*, *P. squamatus*, *P. ocellatus*, *P. pistilliferus*. **Spencer**, W. K. London, Monogr. Palaeont. Soc., **59**, 1905, (77-88).

Pentagonaster obtusus (Forbes; *Oreaster*, 1848); *P. robustus* n. sp. U.K. Spencer, W. K. l.c. (73-74).

Tetragramma variolare Agassiz. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 33, 2, 1903, (99-100).

1031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Fibularia voeltzkowii n. sp. Madagascar. Tornquist, A. Frankfurt a. M., Abh. Senckenb. Ges., 27, 1904, (328-329, Taf. xlv).
Fibulina n. gen., *F. gracilis* n. sp. Madagascar. Tornquist, A. l.c. (327-328, Taf. xlv).
Schizaster hova n. sp. Madagascar. Tornquist, A. l.c. (329-331, Taf. xlv).

1031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Sphaeraster molassicus n. sp. Suabia. Schütte, E. Stuttgart, Jahreshefte Ver. Nath., 60, 1904, (155).

Stirechinus suevicus n. sp. Suabia. Schütte, E. l.c. (169).

1831 VERMES.

1831.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Torlessia n. gen., *T. mackayi* n. sp. N. Zealand. Bather, F. A. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (537).

1831.55 UPPER PALAEOZOIC.

Spirorbis pusillus du terrain houiller de Bruay; formation du tube des spirorbes et leur adaptation en eau douce à l'époque houillère. Malaquin, A. Lille, Ann. soc. géol., 33, 1904, (63-75, av. pl.).

1831.70 JURASSIC.

GENERAL.

Dacqué, Edgar. Beiträge zur Geologie des Somalilandes. II. Theil. Oberer Jura. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (119-159, mit 5 Taf.).

SPECIAL.

Serpula. Somaliland. Daqué, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (125-126).

Mähren. Eschak, A. Brunn, Za. Mähr. Ldmus., 4, 1904, (99-154, mit 1 Taf.).

1831.75 CRETACEOUS.

Serpula gordialis, Schloth. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 33, 2, 1903, (91-173, av. 4 pls., 102-103).

1831.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Spirorbis. Galizien. Friedberg, W. S. v. Wien, Sitzber. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

2031 BRACHIOPODA AND BRYOZOA.

BRACHIOPODA.

Stropheodonta argentina n. sp. Argentinien. Thomas, I. Berlin, Za. D. geol. Ges., 57, 1905, Aufsätze, (201, pl. XIII).

2031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Didymospira (Anisactinella) nn. spp. Predazzo. Philipp, H. Berlin, Za. D. geol. Ges., 56, 1904, Aufsätze, (75-78, Taf. IV).

Rhynchonella nn. spp. Predazzo. Philipp, H. l.c. (80-85, Taf. V).

Spirigera weissmanni var. *angulata* n. var. Predazzo. Philipp, H. l.c. (79, Taf. V).

2031.50 LOWER PALAEOZOIC.

GENERAL.

Walcott, C. D. Cambrian Brachipoda with descriptions of new genera and species. Washington, D.C., Smithsonian Inst., Nation Mus. Proc., 23, 1905, (1 l. + 227-337).

SPECIAL.

Acrothele nn. spp. China. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (303-304).

——— *matthei* var. *eryx* n. var. China. Cambrian. **Walcott**, C. D. l.c. **28**, 1905, (11).

Acrothyra minor n. sp. Idaho. Cambrian. **Walcott**, C. D. l.c. **28**, 1905, (303).

Acrotreta nn. spp. China and United States. Cambrian. **Walcott**, C. D. l.c. (299-304).

——— nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (54-55, with pl.).

Billingsella nn. spp. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (230-245).

Camarella inornata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (157-158, pl. X, figs. 8-10).

——— *törnquisti* n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (175, with pl.).

Causea n. gen., *C. formosa* n. sp. **Wiman**, C. l.c. **6**, 1902-03, [1905], (53-54, with pl.).

Centronella? nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (311-312, 261-262, pls. XXIV-XXVII, figs. 1-10).

Crania turnbulli n. sp. U.K. **Reed**, F. R. C. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (447).

Curticia n. gen., type *C. elegantula* n. sp. Minnesota. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (319-320).

Cyrtina magnaplicata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (238, pl. XXI, figs. 46-49).

Dalmanella postelegantula n. sp. **Weller**, S. l.c. (232, pl. XX, figs. 25-26).

Dicellomus nn. spp. China and southern United States. Cambrian. (K-11720)

Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (314-318).

Elkania bellula n. sp. Nevada. Cambrian. **Walcott**, C. D. l.c. (323).

Eostrophomena n. subgen. (of *Strophomena*), type. Sweden. Cambrian. **Walcott**, C. D. l.c. 256.

Finkelnburgia n. subgen. (of *Orthis*), type, *F. finkelnburgi*. Wisconsin and Minnesota. Cambrian. **Walcott**, C. D. l.c. (277-278).

Hyattella? lamellosa n. sp. **Weller**, S. New Jersey Geol. Surv. Trenton, N.J., Rep. Paleont., **3**, 1903, (258, pl. XLVIII, figs. 7-12).

Iphidella n. gen., *Iphidella labradoreica* var. *orientalis* n. var., var. *utahensis* n. var., *I. major*, *I. nisus*, *I. panula* var. *maladensis* n. var., var. *orphirensis* n. var. nn. spp. Canada, China and United States. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (304-306).

Jamesella n. subgen. (of *Nisusia*), type *Orthis perpasta* (Pompeckj). Cambrian. **Walcott**, C. D. l.c. (252).

Kutorgina nn. spp. Nevada and Sardinia. Cambrian. **Walcott**, C. D. l.c. (310-311).

Lingula bottnica n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (51, with pl.).

——— *yarraensis* nom. mut. for *L. latior* Chapman non M'Coy. **Chapman**, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **18**, 1905, (19).

Loperia n. subgen. (of *Protorthis*), type *P. (L.) dougaldensis* n. sp. Nova Scotia. Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **28**, 1905, (287).

Nisusia n. gen., type *Orthis festinata* Billings, *N. amii*, *N. argenta*, *N. erecta*, *N. utahensis* nn. spp. Canada and Western United States. Cambrian. **Walcott**, C. D. l.c. (247-256).

Obolella asiatica n. sp. China. Cambrian. **Walcott**, C. D. l.c. (297).

Obolus nn. spp. Cambrian. **Walcott**, C. D. l.c. (324-337).

Orthis nn. spp. Wisconsin and Minnesota. Cambrian. Walcott, C. D. l.c. (278-280).

— *newtonensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (113, pl. I, figs. 3-5).

— *porcata*, McCoy var. *eladensis* n. var. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (448).

Orthotheca deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (229-230, pl. xx, figs. 6-7).

Orusia n. gen. (of *Orthis*), type *Orthis lenticularis* Wahlenberg. Cambrian. Walcott, C. D. Washington, D.C. Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (273).

Otusia n. subgen. (of *Billingsella*), type *Orthis sandbergi* N. H. Winchell. Cambrian. Walcott, C. D. l.c. (246).

Pentamerus circularis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (233, pl. XX, figs. 17-19).

Plectambonites papillosa n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (451).

Plectorthis nn. spp. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (261-272).

Polytoechia? *montanensis* n. sp. Montana. Cambrian. Walcott, C. D. l.c. (295-296).

Protorthis nn. spp. Cambrian. Walcott, C. D. l.c. (282-288).

Quebecia n. gen. type *Obolella circe* Billings. Cambrian. Walcott, C. D. l.c. (320-321).

Rhipidomella preoblata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (232-233, pl. X, figs. 25-26).

Rhyrachonella nn. spp. Weller, S. l.c. (234-235, pl. XXI, figs. 1-4, 5-11).

Rustella n. gen., type *R. edsoni* n. sp. Vermont. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., 28, 1905, (311-312).

Schuchertina n. gen., type *S. cambria* n. sp. Montana. Cambrian. Walcott, C. D. l.c. (323-324).

Shenidium? *nodocostatus* n. sp. Rowley, R. R. Amer. Geol. Minneapolis, Minn., 24, 1904, (289-292, with 1 pl.).

Spirifer laevicosta McCoy = *S. pacensis* de Kon.; *S. howitti* n. sp. Chapman, F. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 18, 1905, (16-18).

— *canadensis* Hall var. *minor* n. var. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (238, pl. XXI, figs. 41-42).

Strophomena (*Eostrophomena*) *elegantula* n. sp. Sweden. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 27, 1905, (256-257).

— *mediocostalis* n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (449).

Sucantonia n. gen., type *Camarella antiqua* Billings, *S. weeksi* n. sp. Nevada. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 28, 1905, (296-297).

Syntrophia nn. spp. China and United States. Cambrian. Walcott, C. D. l.c. (289-295).

— *orthia* n. sp. China. Cambrian. Walcott, C. D. l.c. 29, 1905, (11).

Trematis multistriata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (446).

Wilsonia globosa n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (235, pl. XXI, figs. 12-12).

Zygospira hicksi n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (452).

2031.55 UPPER PALAEOZOIC.

GENERAL.

Karczewski, S. Sur la faune des couches au dessous du "Reden" (= Namurien sup.) du bassin houillier de Dąbrowa Górnicza. (Polish) Pam. fizyogr., Warszawa, 18, 1904, (Partie II, 95-102, av. 1 tabl.).

Noetling, F. Untersuchungen über die Familie *Lyttoniidae* Waag. emend. Noetling. Palaeontographica, Stuttgart, **51**, 1905, (129–156, mit 4 Taf.).

——— Ueber den Bau und die Organisation der *Lyttoniidae* Waagen. Verh. D. zool. Ges., Leipzig, **14**, 1904, (103–122).

SPECIAL.

Ambocoelia carbonaria n. sp. U.K. **Hind**, W. London, Q. J. Geol. Soc., **61**, 1905, (531).

Athyris concentrica. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (12).

Centronella? *subrhomboidea* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (311–312, 261–262, pls. XXIV–XXXVII, figs. 1–10).

Cranaena subelliptica var. *hardingenensis* n. var. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Gypidula angulata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (280–281, pl. XXXIII, figs. 13–21).

Marginiifera nn. spp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., **16**, 1903, (546 + iii, with pl.).

Metaplasia plicata n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (306, pl. XLVIII, figs. 7–12).

Orthis striatula. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (8).

Orthotichia schuchertensis n. sp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Productus anthrax n. sp. **Vaughan**, A. London, Q. J. Geol. Soc., **61**, 1905, (531).

——— *murchisonianus*, *P. subaculeatus*, *P. productoides*. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (8–9).

——— *semireticulatus* var. *hermosanus* n. var. Colorado. **Girty**, G. H.

Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (546 + iii, with pl.). 28.5 cm.

Ptychospira seeplicata, distribution and synonymy. **Greger**, D. K. Amer. Geol., Minneapolis, Minn., **33**, 1904, (15–17).

Rensselaeria subglobosus n. sp. **Waller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (329, pl. XLII, figs. 11–18).

Rhynchonella. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (12–15).

Rhynchopora beecheri n. sp. **Greger**, D. K. Amer. Geol., Minneapolis, Minn., **33**, 1904, (297–301, with text fig.).

Rhynchotreta transversa n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (286, pl. XXXI, figs. 12–14).

Schizophoria bisinuata n. sp. **Weller**, S. l.c. (278–279, pl. XXXI, figs. 12–14).

Spirifer. **Tokarenko**, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (9–12).

——— *mosquensis*, angeblicher Fund bei Krakau. **Gülich**, G. Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (16–17).

——— *nearpassi* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (330, pl. XLII, figs. 9–22).

2031.65 TRIASSIC.

Crania tetrica n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No 3, 1904, (11, with pl.).

Discina barentsi n. sp. Bären-Insel. **Böhm**, J. l.c. (10, with pl.).

——— *loeschmanni* n. sp. Asia. **Noetling**, F. Lethaea geognostica, Tl 2, Bd 1, Lfg 2. (107–221).

Retzia arctica n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1904, (14, with pl.).

Spiriferina nn. spp. Bären-Insel. **Böhm**, J. l.c. (11–14, with pl.).

Terebratula teres n. sp. Bären-Insel. **Böhm**, J. l.c. (15, with pl.).

2031.70 JURASSIC.

GENERAL.

Rau, K. Die Brachiopoden des mittleren Lias Schwabens mit Anschluss der Spiriferinen. Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (95, mit 4 Taf.).

SPECIAL.

Berenicea somalica n. sp. Somaliland. **Dacqué, E.** Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (125, Taf. XVII, fig. 6).

Cadomella quenstedti n. sp. **Rau, K.** Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (7-9, Taf. I).

Eudesia sitti n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (90-91, Taf. II).

Kingena nn. spp. Asia Minor. **Krumbeck, L.** l.c. (91-95, Taf. II).

Rhynchonella nn. spp. Somaliland. **Dacqué, E.** l.c. 17, 1905, (126-129, Taf. XIV).

nn. spp. **Rau, K.** Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (36-46, Taf. II).

nn. spp. U. K. **Upton, C.** Gloucester, Proc. Cotteswold Nat. F. Cl., 15, 1905, (83-84).

Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

drusorum n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (75, Taf. I).

krammi n. form. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els-Lothr., Strassburg, (N.F.), H. 6, 1905, (87).

Spiriferina. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Terebratula. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (129-130, Taf. XIV).

nn. spp. Asia Minor. **Krumbeck, L.** l.c. 18, 1905, (77-87, Taf. I-II).

(*Orthotoma*) nn. spp. **Rau, K.** Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (56-59, Taf. III).

Terebratula. Mähren. **Rau, K.** Brünn, Zs. Mähr. LdMus., 4, 1904, (154, mit 1 Taf.).

nn. spp. U. K. **C. Gloucester, Proc. Cotteswold Nat. F. Cl., 15, 1905, (86-88).**

Vetter, A. Wien, Pal. Geol. OstUng., 17, 1905, (255).

Terebratulina substriata. Asia Minor. **Krumbeck, L.** l.c. 18, 1905, (Taf. II).

Thasidea parva n. sp. **Rau, K.** Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (9-12, Taf. I).

Waldheimia. Mähren. **Rau, K.** Brünn, Zs. Mähr. LdMus., 4, 1904, (154, mit 1 Taf.).

conocollis n. sp. **Rau, K.** Geol. u. palaeont. Abh., Jena, N.F., 6, H. 5, 1905, (64-66, Taf. IV).

schlosseri n. sp. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (131, Taf. XV).

2031.75 CRETACEOUS.

Lingula subovalis Davidson. **I. Charikov, Trd. Ol'sk. ispyt. I. 2, 1903, (104).**

Magas pumilus Sow. **Favre, I.** l.c. (108).

Terebratella sp. **Favre, I.** l.c. (108).

Terebratula. **Favre, I.** l.c. (107).

2031.80 CAENOZOIC.

Terebratella oamarutica n. sp. Seeland. **Boehm, G.** Berlin, geol. Ges., 56, 1904, briefl. Mit. (Taf. xv).

Terebratula oamarutica n. sp. Seeland. **Boehm, G.** l.c. (1: xv).

Terebratulina oamarutica n. sp. Neu-Seeland. **Boehm, G.** l.c. (148-149, Taf. 1).

2031.90 UPPER CAENOZOIC
(MIOCENE, PLIOCENE).

GENERAL.

Hutton, F. W. Revision of the Tertiary Brachiopoda of New Zealand. Wellington, N. Zeal. Inst., **37**, 1905, (474-481, with pls.).

SPECIAL.

Bouchardia rhizoida n. sp. N. Zealand. Hutton, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (480, pl. XLVI, fig. 7).

Magellania parki n. sp. New Zealand. Hutton, F. W. l.c. (476, pl. XLV, fig. 4).

Terebratella nn. sp. N. Zealand. Hutton, F. W. l.c. (479, pl. XLVI, fig. 3).

BRYOZOA.

2031.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.

Amalgamata n. division (of Trepostomata). Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (15-55, with pl.).

Integrata n. division (of Trepostomata). Ulrich, E. O. and Bassler, R. S. l.c. (15-55, with pl.).

2031.45 PALAEOZOIC.

GENERAL.

Ulrich, E. O. and Bassler, R. S. A revision of the Paleozoic Bryozoa. Part 2 . . . Trepostomata. Washington, D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (15-55, with pl.).

SPECIAL.

Allonema n. gen., *A. botelloides*, *A. minimum*, *A. subfusiforme*, *A. caldronense* nn. spp.; *A. moniliforme* var. *aggregatum* n. var. America. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **45**, 1904, (281-284).

Ascodictyon nn. spp. Ulrich, E. O. and Bassler, R. S. l.c. (288-289).

Heteronema n. gen., *H. capillare*, *H. ? contextum*, *H. carbonarium* nn. spp. America. Ulrich, E. O. and Bassler, R. S. l.c. (278-279).

Ptychocladia n. gen., *P. agellus* n. sp. America. Ulrich, E. O. and Bassler, R. S. l.c. (290).

Rhopalonaria nn. spp. Ulrich, E. O. and Bassler, R. S. l.c. (268-272).

Vinella multiradiata n. sp. (*Vinellidae* n. fam.). Ulrich, E. O. and Bassler, R. S. l.c. (273-276).

2031.50 LOWER PALAEOZOIC.

Amplexopora nn. spp. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (41-43).

Anaphragma n. gen., *A. mirabile* n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (49).

Atactopora angularis n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (32).

Calloporina n. gen., *C. parva* n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (48).

Constellaria teres n. sp., *C. florida* var. *emaciata* n. var. Silurian. Ulrich, E. O. and Bassler, R. S. l.c. (37).

Crisinella oeilensis n. sp. Wiman, C. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

Cyphotrypa n. gen. (type *Leptotrypa acervulosa*), *C. frankfortensis*, *C. wilmingtensis* nn. spp. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (30-31).

Dekayella foliacea n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (28).

Escharopora siluriana n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (225, pls. XVIII, XIX, figs. 6-9).

Glaucanome plumula n. sp. Wiman, C. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

Heterotrypa parvulipora n. sp. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (26).

Homotrypa nodosa n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (21).

Mesotrypa nn. spp. Ulrich, E. O. and Bassler, R. S. l.c. (22-23).

Monotrypa nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (142, 223, pl. VIII, XVIII, and figs.).

Monticulipora epidermata n. sp. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (17).

Orbignyella n. gen., *O. sublamellosa* n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (19).

Petigopora ofula n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (32).

Prasopora patera n. sp. Ulrich, E. O. and Bassler, R. S. l.c. (20).

Ptilodictya frondosa n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (224, 272, pls. XIX, XXVI, figs. 1-6).

Rhinidictya? borkholmiensis n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 5, 2, 1901, [1902], (180, with pl.).

Rhombotrypa n. gen., (type *Monotrypa quadrata* (Rominger)). Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (44).

Stigmatella n. gen., *S. crenulata*, *S. spinosa*, *S. personata*, *S. interporosa*, *S. nana*, *S. nicklesi* nn. spp. Ulrich, E. O. and Bassler, R. S. l.c. (34-36).

Thamnisus orosus n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 5, 2, 1901, [1902], (181, with pl.).

2031.55 UPPER PALAEOZOIC.

Fenestella spp. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (63-65).

— ? sp. Tokarenko, I. Kazan', Trd. Obsč. jest., 37, 2, 1903, (7-8).

Lioclema monroci n. sp. Silurian. Ulrich, E. O. and Bassler, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (39).

Pachylidictya nn. spp. Gothland. Hennig, A. Ark. Zool., Stockholm, 2, No. 10, 1905, (25-35, with pl.).

Penniretopora pulcherrima. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (66).

Polypora papillata. Stuckenberg, A. l.c. (65).

Ptilodictya triangularis n. sp. Gothland. Hennig, A. Ark. Zool., Stockholm, 2, No. 10, 1905, (20 + 22, with pl.).

Vincularia spp. Stuckenberg, A. St. Petersburg, Mém. Com. géolog., (N. Sér.), 14, 1904, (66-68).

2031.70 JURASSIC.

Stomatopora nn. spp. Lang, W. D. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (266-266).

2031.75 CRETACEOUS.

Ceripora serpens Eichw. Favre, I. Charkov, Trd. Obsč. ispyt. priro., 32, 2, 1903, (103-104).

Reticulipora ligeriensis D'Orb. Favre, I. l.c. (103).

2031.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Burrows, Henry W. Note on a Bryozoan attached to *Neptunca* found in one of the Mekran nodules. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (303-305, with fig.).

2231 MOLLUSCA.

Bather, F. A. The Mount Torleese Annelid. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (532-541, with figs.).

Clessin, S. Die Conchylien des Löss des mittleren Donautales. Frankfurt a. M., NachrBl. D. malakozool. Ges., 37, 1905, (89-91).

Jensen, A. S. On the Mollusca of East-Greenland. I. Lamellibranchiata. With an introduction on Greenland's fossil Mollusk-Fauna from the quaternary age. Kjöbenhavn, Medd. Grönl., 29, [1905], (289-362).

Karczewski, S. Sur la faune des couches au dessous du "Reden" (= Namurien sup.) du bassin houillier de Dąbrowa Górnicza. (Polish) Pam. fizyogr., Warszawa, **18**, 1904, (Partie II, 95-102, av. 1 tabl.).

Renz, C. Ueber die mesozoische Formationsgruppe der südwestlichen Balkanhalbinsel. N. Jahrb. Min., Stuttgart, Beilagebd, **21**, 1905, (213-301, mit 4 Taf.).

CEPHALOPODA.

Clonites nn. spp. Bären-Insel. **Böhm, J.** Stockholm, Vet.-Ak., Handl., **37**, No. 3, 1903, (54-56, with pl.).

Dawsonites n. gen. for *Trachyceras canadense* Whiteaves. Bären-Inseln. **Böhm, J.** l.c. (56-59, with pl.).

Nathorstites n. gen., *N. globosus*, *N. lindströmi*, *N. mojsvari* nn. spp. Bären-Inseln. **Böhm, J.** l.c. (64-67, with pl.).

Phylloceras. **Vetters, H.** Wien, Beitr. Geol. Pal. ÖstUng., **17**, 1905, (239-240).

2231.35 GENERAL.

Acanthoceras pfeili n. sp. Marokko. **Walther, J.** Jena, Mitt. geog. Ges., **21**, 1903, (59-60).

Ceratites rombergi n. sp. Predazzo. **Philipp, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (70-71, Taf. XIX).

Indoceras baluchistanense, Entwicklung der Lobenlinie. **Noetling, F.** N. Jahrb. Min., Stuttgart, **1905**, **1**, (1-14, mit 1 Taf.).

2231.38 FOSSILS OF DOUBTFUL STRATIGRAPHICAL POSITION.

Crick, G. C. Cephalopoda from North-West frontier of India. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (47).

2231.50 LOWER PALAEOZOIC.

Cyrtoceras cambria n. sp. China. Cambrian. **Walcott, C. D.** Washington, D.C., Smithsonian Inst., Nation. Mus., Proc., **29**, 1905, (22).

Volborthella. **Karpinskiĭ, A.** St. Peterburg, Bull. Ac. Sc., (Ser. 5), **18**, 1903, (147-153).

——— **Karpinskiĭ, A.** St. Peterburg, Verh. Russ. mineral. Ges., (Ser. 2), **41**, 1903, (31-72).

2231.55 UPPER PALAEOZOIC.

GENERAL.

Crick, G. C. On some fossil Cephalopoda from North Cornwall, collected by Mr. Howard Fox. Geol. Mag., (Ser. 2), [5], **2**, 1905, (154-160, pl. with figs.).

SPECIAL.

Aganides sp. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (34).

Aphyllites Frech n. sp. Russland. **Tokarenko, L.** l.c. (33).

Belemnites. **Smyčka, F.** Prostějov, Věstn. Kl. Pfir., **5**, 1903, (77-79); deutsches Rés., (79-80).

Clymenia stuckenbergi s. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (31-32).

Cyrtoceras (Meloceras) apicale. Derbyshire. **Crick, G. C.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (62-65, with figs.).

Entogonites n. nom. **Kittl, E.** Wien, Verh. Geol. RchsAnst., **1904**, (322).

Gephyroceras domanicense. **Tokarenko, L.** l.c. (35).

Glyphioceras (Beyrichoceras) divaricatum n. sp. **Hind, W.** Dublin, Proc. R. Irish Acad., **25 B**, 1905, (114).

Gomphoceras. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (28).

Goniatites (Manticoceras intumescens). **Tokarenko, L.** l.c. (32-33).

Orthoceras. **Tokarenko, L.** l.c. (27-28).

——— *acutum* n. sp. **Hind, W.** Dublin, Proc. R. Irish Acad., **25 B**, 1905, (112).

Pleuromutilus costatus n. sp. U.K. **Hind, W.** London, Q. J. Geol. Soc., **61**, 1905, (540).

——— *pulcher*, type specimen. **Crick, G. C.** London, Proc. Malac. Soc., **6**, 1905, (272).

Prolobites delphinus. Tokarenko, L. Kazan', Trd. Obšč. jest., **37**, 2, 1903, (34).

Sporadoceras muensteri var. *brachyloba* Frech, var. *uralensis* n. var. Tokarenko, L. l.c. (35-36).

Tornoceras planidorsatum. Tokarenko, L. l.c. (33).

2231.60 MESOZOIC.

Bochianites nn. spp. Niederländisch-Indien. Boehm, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (26-28, Taf. II).

Hildoceras nn. varr. Balkanhalbinsel. Benz, C. N. Jahrb. Min., Stuttgart, Beilagebd, **21**, 1905, (213-301).

Himalayites nn. spp. Niederländisch-Indien. Boehm, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (39-42, Taf. VII).

Hoplites nn. spp. Niederländisch-Indien. Boehm, G. l.c. (34-38, Taf. III, V-VI).

Streblites nannuyi n. sp. Niederländisch-Indien. Boehm, G. l.c. (29-30, Taf. II and III).

Tmesoceras sutneri var. *epirotica* n. var. Balkanhalbinsel. Benz, C. N. Jahrb. Min., Stuttgart, Beilagebd, **21**, 1905, (213-301).

2231.65 TRIASSIC.

Dawsonites n. gen. Arktische Trias. Böhm, J. Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (96-97).

Nathorstites n. gen. Arktische Trias. Böhm, J. l.c. (96-97).

Pleuromutilus kokeni n. sp. Asia. Noetting, F. Lethaea geognostica, Tl 2, Bd 1, Lfg 2, (107-221).

Pseudosagoceras multilobatum, Bau der Lobenlinie. Noetting, F. Palaeontographica, Stuttgart, **51**, 1905, (155-260).

2231.70 JURASSIC.

GENERAL.

Valette, A. Les ammonites du département de l'Yonne. Auxerre, Bul.

soc. sci. hist. nat., 2^e partie. Sci. phys. nat., **57**, 1903, [1904], (39-100, av. fig.).

SPECIAL.

Alcolytoceras dilucidum (Oppel. Ammonites), *A. germaini* (d'Orb.—Ammonites), *A. taeniatum* (Pompeckj—Lytoceras), *A. pompeckji* n. nom. Buckmann, S. S. London, Q. J. Geol. Soc., **61**, 1905, (145-146).

Amaltheus. Mähren. Rzehak, A. Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Aptychus. Vettters, H. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (242-244).

Aspidoceras nn. spp. Somaliland. Dacqué, E. l.c. (149-153, Taf. XVI-XVIII).

Asia Minor. Krumbeck, L. l.c. **18**, 1905, (138).

Belemnites. Mähren. Rzehak, A. Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

nn. spp. Vettters, H. Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (244-247).

redicivus n. sp. U.K. Blake, J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (59).

Cadoceras breve n. sp. U.K. Blake, J. F. l.c. (48).

Catulloceras psammium n. sp. U.K. Buckman, S. S. l.c. (clxxi).

Clydoniceras n. gen., *C. discus* (Sow., —Ammonites, 1813); *C. hochstetteri* (Opp.—Ammonites, 1858); *C. psychophorum* (Neum., —Harpoceras, 1871); *C. legayi* (Rig. and Sauv., —Ammonites, 1867). Blake, J. F. l.c. (53-57).

Dumortieria bleicheri, *D. nicklesi* n. nomm. = *Harpoceras subundulatum* Branco; *D. kochi* n. nom. = *D. subundulata* Haug.; *D. branconi* n. nom. = *Harpoceras* aff. *radians* Reinecke. Deutsch-Lothringen und Luxemburg. Benecke, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (354-358, 368).

nn. spp. U.K.; *D. falcofila* (Quenst., —Ammonites, 1885); *D. munieri* (Haug, —Harpoceras, 1884); *D. externicostata* (Branco, —Harpoceras subundulatum var. 1879); *D. moersei*

(Lyc., *Ammonites*, 1857). **Buckman**, S. S. London, Monogr., Palaeont. Soc., **59**, 1905, (clxxii-clxxv).

Fontannesia nn. spp. U.K. **Buckman**, S. S. l.c. (clxxxix-cxci).

Hammatoceras lotharingicum n. nom. = *Ammonites* aff. *sieboldi* Oppel. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (335).

Harpoceras nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. l.c. (374-375).

nn. spp. Deutschland, **Wunstorff**, W. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (488-525, mit 4 Taf.).

Kochites urmösensis Herb. typ. K. U. Herb. mut. *autonata* Herb., K. *staffi* n. sp. **Prins**, G. Földt. Közl., Budapest, **35**, 1905, (16-20, 50-54).

Lytoceras. **Vetters**, H. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (240-241).

Macrocephalites macrocephalus (Schloth.,—*Ammonites*, 1813); *M. compressus* (Quenst.,—*Ammonites*, 1849); *M. herveyi* (Sow.,—*Ammonites*, 1818); 2 nn. spp. U.K. **Blake**, J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (42-47).

Megalytoceras n. gen., *M. confusum* (S. Buckm.,—*Lytoceras*). **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (150).

Nannolytoceras n. gen., *N. pygmaeus* (d'Orb.,—*Ammonites*). **Buckman**, S. S. l.c. (151).

Nautilus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

nn. spp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (144-145, Taf. XVI, XVII).

— *turcius* n. sp. Asia Minor. **Krumbeck**, L. l.c. **18**, 1905, (137, Taf. VII).

Ocotraustes nn. spp. U.K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (cxci-cxcv).

Onychoceras n. gen., *O. differens* n. sp. Deutschland. **Wunstorff**, W. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (488-525).

Oppelia. **Vetters**, H. Wien, Beitr. Pal. Geol., OstUng., **17**, 1905, (241-242).

Ozynoticeras compressum n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (324).

Pachylitoceras n. gen., *P. torulosus* (Zieten—*Ammonites*). **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (144).

nn. spp. **Buckman**, S. S. l.c. (146-147).

Perisphinctes nn. spp. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (145-149, Taf. XV-XVII).

— *flagellans* n. sp. U. K. **Blake** J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (51).

— *reniformis* n. sp. **Vetters**, H. Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (233-234, Taf. XXII).

— *subbakeriae* (d'Orb.,—*Ammonites*, 1850). **Blake**, J. F. London, Monogr. Palaeont. Soc., **59**, 1905, (49).

Phylloceras salima n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (137-138, Taf. VII).

Pseudoringatites n. subgen. (*Perisphinctes*). **Vetters**, H. l.c. **17**, 1905, (227).

Sonninia dundriensis n. sp. U. K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (cxcii).

Thysanoceras nn. nomm. **Buckman**, S. S. London, Q. J. Geol. Soc., **61**, 1905, (149).

Thysanolytoceras n. gen., *T. eudesia-us* (d'Orb.,—*Ammonites*). **Buckman**, S. S. l.c. (149).

Tmetoceras circulare n. sp. U. K. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **59**, 1905, (clxx).

2231.75 CRETACEOUS.

GENERAL.

Valette, A. Les Ammonites du département de l'Yonne. Auxerre, Bul. soc. sci. hist. nat., 2^e partie, Sci. phys. nat., **57**, 1903, [1904], (39-100, av. fig.).

SPECIAL.

Acanthoceras palaestinus n. sp., A. n. sp. aff. *neuboldi* Kosm. var. *spinoza*. Jerusalem. Blanckenhorn, M. Leipzig, *Zs. D. Palästina Ver.*, 28, 1905, (75-120).

Actinocamax plenus in the Chalk of Yorkshire. Thompson, C. Naturalist, London, 1905, (202-203).

Ammonites sp. Rikuzen. Yokoyama, M. Tokyo, *J. Coll. Sci.*, 18, Art. 6, 1904, (7, pl. II, fig. 10).

Belemnitella. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (148-151, Taf. II).

Belemnites sp. Favre, I. l.c. (151).

— sp. Rikuzen. Yokoyama, M. Tokyo, *J. Coll. Sci.*, 18, Art. 6, 1904, (8-10, pl. II, fig. 12).

Belemnopsis spp. Rikuzen. Yokoyama, M. l.c. (9, pl. II, figs. 1-6).

Crioceras sp. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (146, Taf. II).

— *Richarz*, S. Wien, Jahrb. Geol. RchsAnst., 54, (1904), 1905, (347-348).

Desmoceras from the Hokkaido. Yabe, H. Tokyo, *J. Coll. Sci.*, 20, Art. 20, 1904, (35-41, pls. V-VI).

Harpoceras ikianum n. sp. Rikuzen. Yokoyama, M. l.c. 18, Art. 6, 1904, (5-6, pl. I, fig. 5).

Hauericeras from the Hokkaido. Yabe, H. l.c. 20, Art. 2, 1904, (29-35, pl. VI).

Helicoceras from the Hokkaido. Yabe, H. l.c. Art. 2, 1904, (9-12, pls. III and V).

Heteroceras from the Hokkaido. Yabe, H. l.c. Art. 2, 1904, (12-20, pls. III, IV and VI).

Holcostephanus. *Richarz*, S. Wien, Jahrb. Geol. RchsAnst., 54, (1904), 1905, (345-346, Taf. IX).

Hoplites. *Richarz*, S. l.c. (346-347, Taf. IX).

Lytoceras cf. *lineatum* Schloth. Rikuzen. Yokoyama, M. Tokyo, *J. Coll. Sci.*, 18, Art. 6, 1904, (6-7, pl. II, fig. 5).

Nautilus. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (144-145, Taf. IV).

Nipponites n. gen., *N. mirabilis* n. sp. from the Hokkaido. Yabe, H. Tokyo, *J. Coll. Sci.*, 20, Art. 2, 1904, (39-44, pls. IV and VI).

Ocostephanoceras from the Hokkaido. Yabe, H. l.c. (28-29, pl. VI).

Placentoceras ? nn. spp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Psychoceras. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (145-146).

Scaphites cf. *trinodosus*. Favre, J. l.c. (147, Taf. II).

Schloenbachia nn. spp. Palästina. Blanckenhorn, M. Leipzig, *Zs. D. Palästina Ver.*, 28, 1905, (75-120).

— *kittli* n. sp. *Richarz*, S. Wien, Jahrb. Geol. RchsAnst., 54, (1904), 1905, (344-345, Taf. IX).

Schlothemia jimboi n. sp. Rikuzen. Yokoyama, M. Tokyo, *J. Coll. Sci.*, 18, Art. 6, 1904, (4-5, pl. I, fig. 5).

Stantonoceras n. gen., *S. pseudostatutum* n. sp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Turrillites Lam., from the Hokkaido. Yabe, H. Tokyo, *J. Coll. Sci.*, 20, Art. 2, 1904, (1-9, pls. I-III).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Styracoteuthis n. gen., *S. orientalis* n. sp. Arabia. Orick, G. C. London, *Proc. Malac. Soc.*, 6, 1905, (274).

GASTROPODA.

Promathildia parva n. sp. Bären-Insel. Böhm, J. Stockholm, *Vet.-Ak. Handl.*, 37, No. 3, 1903, (52, with pl.).

Sisenna conucentzi n. sp. Bären-Insel. Böhm, J. l.c. (51, with pl.).

Undularia pertica n. sp. Bären-Insel. Böhm, J. l.c. 1903, (53, with pl.).

Worthenia bifurca n. sp. Bären-Insel. Böhm, J. l.c. (50-51, with pl.).

**2231.35 GENERAL, INCLUDING
STRATA OF UNKNOWN AGE.**

GENERAL.

Dall, W. H. and Bartsch, P. Synopsis of the genera, subgenera and sections of the family *Pyramidellidae*. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (1-16).

— An historical and systematic review of the frog-shells and tritons. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (114-144). Separate. 25 cm.

Gulick, Addison. The fossil land shells of Bermuda. Contributions from the Bermuda Biological Station for Research, No. **2** in Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

SPECIAL.

Ashmunella thompsoniana: *pecosensis* n. subsp. **Cockerell, T. D. A.** Nautilus, Philadelphia, Pa., **16**, 1903, (105).

Asmunda n. subgen. (of *Turbonilla* type *Chemnitzia turrata* C. B. Ads.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (9).

Baldra n. subgen. (of *Turbonilla* type *T. (Baldra) archeri*). **Dall, W. H. and Bartsch, P.** l.c. (9).

Besla n. subgen. (of *Odostomia* type *Chrysallida convexa* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (10).

Callolongchaeus n. subgen. (of *Pyramidella* type *P. jamaicensis* Dall). **Dall, W. H. and Bartsch, P.** l.c. (5).

Carychium bermudense n. sp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Cossmannica n. sect. (of *Pyramidella* (*Eulimella*) type *P. clandestina* Desh.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (6).

Egila n. subgen. (of *Odostomia* type *Chrysallida lacunata* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Euconulus turbinatus n. sp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Evalina n. subgen. (of *Odostomia* type *O. (Evalina) americana*. **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12).

Folinella n. subgen. (of *Odostomia* type *Amoura anguliferens* De Fol.). **Dall, W. H. and Bartsch, P.** l.c. (10).

Haldra n. subgen. (of *Odostomia* type *Chrysallida photis* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Heida n. subgen. (of *Odostomia* type *Syrnola caloosensis* Dall). **Dall, W. H. and Bartsch, P.** l.c. (13).

Iphiana n. subgen. (of *Pyramidella* type *Syrnola densistriata* Garrett). **Dall, W. H. and Bartsch, P.** l.c. (6).

Ividia n. subgen. (of *Odostomia* type *Parthenia armata* Cpr.). **Dall, W. H. and Bartsch, P.** l.c. (11).

Lancea n. subgen. (of *Turbonilla* type *T. (Lancea) elongata* Pse.). **Dall, W. H. and Bartsch, P.** l.c. (9).

Liotina somaliensis n. sp. **Newton, R. B.** London, Q. J. Geol. Soc., **61**, 1905, (168).

Lysacme n. subgen. (of *Odostomia* type *Chrysallida clausiliformis* Cpr.). **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (14).

Milda n. subgen. (*Pyramidella*, type *Obeliscus ventricosus* Quoy). **Dall, W. H. and Bartsch, P.** l.c. (4).

Odostomia (*Odetta*) *callipyrga* n. nom. (= *Odetta elegans* De Fol). **Dall, W. H. and Bartsch, P.** l.c. (12).

Orinella n. subgen. (of *Pyramidella*, type *Orina pinguicula* A. Ads.). **Dall, W. H. and Bartsch, P.** l.c. (6).

Palaeorbis. **Reis, O. M.** Geogn. Jahreshefte, München, **16**, (1903), 1905, (125-143).

Platyceras clarkei n. sp. Argentinien. **Thomas, I.** Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (253, pl. XII).

Poecilozonites nn. spp. Bermuda. **Gulick, A.** Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406-425, with pl.).

Pyramidella nn. spp. **Dall, W. H. and Bartsch, P.** Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5, 14).

Stomega n. nom. (sect. *Odostomia* type *O. conspicua* Ald.). **Dall, W. H. and Bartsch, P.** l.c. (13).

Sulcorinella n. subgen. (of *Pyramidella*, type *P. (Sulcorinella) dodona*). **Dall, W. H. and Bartsch, P.** l.c. (6).

Syrnolina n. subgen. (of *Pyramidella*, type *Syrnola rubra* Pss.). Dall, W. H. and Bartsch, P. l.c. (6).

Tropaeas n. subgen. (of *Pyramidella*, type *P. subulata* A. Ada.). Dall, W. H. and Bartsch, P. l.c. (5).

Turbonilla (*Baldra*) *archeri* n. sp. Dall, W. H. and Bartsch, P. l.c. (15).

Ulfa n. subgen. (of *Pyramidella*, type *P. (Ulfa) cosmanni*). Dall, W. H. and Bartsch, P. l.c. (5).

Vagna n. subgen. (of *Pyramidella*, type *P. paumotensis* Tryon.). Dall, W. H. and Bartsch, P. l.c. (5).

Vertigo nn. spp. Bermuda. Gulick, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (406-425, with pl.).

Vilia n. subgen. (of *Odostomia*, type *O. (Vilia) pilobryi*). Dall, W. H. and Bartsch, P. Washington, D.C., Proc. Biol. Soc., 17, 1904, (10).

Visma n. subgen. (of *Turbonilla*, type *Eulimella tenuis* Sby.). Dall, W. H. and Bartsch, P. l.c. (8).

Voluspa n. subgen. (*Pyramidella*, type *P. auricoma* Dall). Dall, W. H. and Bartsch, P. l.c. (4).

Zonitoides bristoli n. sp. Bermuda. Gulick, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., 56, 1904, (406-425, with pl.).

2231.50 LOWER PALAEOZOIC.

Bembexia groomi n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (569).

Conularia munthei n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-03, [1905], (82-83, with pl.).

Eccyliomphalus subelliptica n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Palaeont., 3, 1903, (129, pl. IV, fig. 6).

Goniotropha cambria n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (571).

Hyalithes nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (17-18).

Loxonema nn. spp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (565-566).

Orthothoos nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (18-21).

Platyceras nn. spp. China, Cambrian. Walcott, C. D. l.c. (14-15).

———? *columbianus* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Palaeont., 3, 1903, (13, pl. IV, figs. 7-8).

Polygyrata n. gen., *P. sinistris* n. sp. Weller, S. l.c. (130, pl. IV, fig. 102).

Polystrophia n. gen. [Type *Trochilites globosus* Schloth., 1820.] Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (575).

Raphiotoma columbiana n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., 3, 1903, (128, pl. IV, figs. 3-5).

Rhabdostropha n. subgen. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (565).

Scenella clatho n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (12).

Stenotheca nn. spp., nn. varr. China, Cambrian. Walcott, C. D. l.c. (15-16).

——— *cornu* n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-03, [1905], (49, with pl.).

Straparollina circe n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (13).

Ulrichospira n. gen., *U. similis* n. sp. Wales. Donald, J. London, Q. J. Geol. Soc., 61, 1905, (568-569).

2231.55 UPPER PALAEOZOIC.

Bellerophon nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (17. + [199]-454, with map, text fig. and pl.).

——— *lineatus*, *B. costatus*. Tokarenko, L. Kazan, Trd. Obšč. jest., 37, 2, 1903, (17-18).

Bulimorpha? *helderbergiae* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Palaeont., 3, 1903, (293-294, pl. XXXII, fig. 8).

Callonema filiosum n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Carinaropeis ithagenia n. sp. New York. **Clarke, J. M.** l.c. (11. + [199]-454, with map, text fig. and pl.).

Diaphorostoma nn. spp. New York. **Clarke, J. M.** l.c. (11. + [199]-454, with map, text fig. and pl.).

Eumphalus articulatus. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (23).

Floyda n. gen., *F. concentrica* n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (39-40).

Loxonema nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

——— *jerseyensis* n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Palaeont., **3**, 1903, (xii + 462, with pl. and table); (335, pl. XLIII, figs. 8-10).

——— *netschaei* n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (26-27).

Macrocheilus sp. **Tokarenko, L.** l.c. (26).

Macrochilina nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Murchisonia nn. spp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (20-23).

Natica sp. **Tokarenko, L.** l.c. (25-26).

Naticopsis magnifica n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (58-59).

——— *uralica* n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (24-25).

Onustus devonicus n. sp. Russland. **Tokarenko, L.** l.c. (24).

Phragmostoma chautauquae n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Platystoma nearpassi n. sp. **Weller, S.** New Jersey Geol. Surv. Trenton, N.J., Rep. Paleont., **3**, 1903, (334, pl. XLIII, fig. 4).

Platyschisma uralensis n. sp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (23).

Platystoma antiquis n. sp. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (58-59).

Pleurotomaria nn. spp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

——— nn. spp. Russland. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (19-20).

Protospiralis n. gen., type *Platystoma minutissima* Clarke. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Strophostylus varians. **Tokarenko, L.** Kazanĭ, Trd. Obsč. jest., **37**, 2, 1903, (25).

Tropidocyclus hyalinus n. sp. New York. **Clarke, J. M.** Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]-454, with map, text fig. and pl.).

Westerna n. gen. Iowa. **Webster, C. L.** Iowa Nat., Iowa City, Iowa, **1**, 1905, (54-55).

2231.60 MESOZOIC.

Natica. Somaliland. **Daouqé, E.** Wion, Beitr. Geol. Pal. OstUng., **17**, 1905, (142-143).

2231.65 TRIASSIC.

GENERAL.

Read, A. Die Gastropoden der Pachycardien-Tuffe. Mitgeteilt durch F[erdinand] Broili. Centralbl. Min., Stuttgart, **1905**, (176-177).

SPECIAL.

Amauropsis abeli n. sp. Ungarn. **Blaschke, F.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (201, Taf. XX).

Capulus (Phryx) bilatensis n. sp. Ungarn. **Blaschke, F.** l.c. (174-175, Taf. XIX).

- Clanculus caesianus* var. *arissus* n. var. Blaschke, F. l.c. (181, Taf. XIX).
- *tachypilaeus* n. sp. Read, A. Centralbl. Min., Stuttgart, 1906, (177).
- Corlostylina*. Blaschke, F. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (208-210, Taf. XX).
- Cryptonerita sturanyi* n. sp. Blaschke, F. l.c. (198-199, Taf. XX).
- Diccosmos arisiensis* n. sp. Blaschke, F. l.c. (191-192, Taf. XX).
- Euchrysalis sphinz*. Blaschke, F. l.c. (203-204, Taf. XX).
- Euomphalus planus* n. sp. Read, A. Centralbl. Min., Stuttgart, 1906, (177).
- Fedaiella inaequiplicata*. Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (192-193, Taf. XX).
- Frombachia* n. gen., *F. uhligi* n. sp. Ungarn. Blaschke, F. l.c. (185-187, Taf. XIX).
- Haliotimorpha* n. gen., *H. dieneri* n. sp. Ungarn. Blaschke, F. l.c. (175-178, Taf. XIX).
- Heterogyra kokeni* n. sp. Ungarn. Blaschke, F. l.c. (211, Taf. XX).
- Hologyrina* nn. spp. Ungarn. Blaschke, F. l.c. (195-196, Taf. XX).
- Hypsipheura*. Blaschke, F. l.c. 207-208.
- Lepitopsis* nn. spp. Ungarn. Blaschke, F. l.c. (172-174, Taf. XIX).
- Loxonema*. Blaschke, F. l.c. (201-202, Taf. XX).
- Marmolatella*. Blaschke, F. l.c. 193, Taf. XX).
- Neritaria* spp. Blaschke, F. l.c. (196-198, Taf. XX).
- Neritopsis* spp. Blaschke, F. l.c. (182-183, Taf. XIX).
- Omphaloptycha pachygaster*. Blaschke, F. l.c. (208).
- Oonia similis*. Blaschke, F. l.c. (203, Taf. XX).
- Palaeonarica* nn. spp. Ungarn. Blaschke, F. l.c. (184-185, Taf. XIX).
- Parapalaeonarica* n. subgen. (*Palaeonarica*). Blaschke, F. l.c. (184).
- Patella* nn. spp. Ungarn. Blaschke, F. l.c. (171-172, Taf. XIX).
- nn. spp. Read, A. Centralbl. Min., Stuttgart, 1906, (177).
- Phryx* n. subgen. (*Cepulus*). Blaschke, F. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (174).
- Platychilina subpunctata*. Blaschke, F. l.c. (189-190, Taf. XX).
- Promethidia minima* n. sp. Ungarn. Blaschke, F. l.c. (211-212, Taf. XX).
- Protoculus subpunctata*. Blaschke, F. l.c. (210-211, pl. XX).
- Pseudomelania subciliata*. Blaschke, F. l.c. (202-203, Taf. XX).
- Pseudoscalites* nn. spp. Read, A. Centralbl. Min., Stuttgart, 1906, (177).
- *wikromanni* n. sp. Ungarn. Blaschke, F. Wien, Beitr. Pal. OstUng., 17, 1905, (199-200, Taf. XX).
- Psychomphalus gracilis* n. sp. A. Centralbl. Min., Stuttgart, (177).
- Purpurina broilii* n. sp. Read, A. l.c. (177).
- Purpuroidea raiblensis* n. Blaschke, F. Wien, Beitr. Geol. OstUng., 17, 1905, (201, Taf. XX).
- *trinodosa* n. sp. Read, A. Centralbl. Min., Stuttgart, (177).
- Scurria striata* n. sp. Read, A. l.c. (176).
- Spirostylus*. Blaschke, F. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, Taf. XX).
- Trypanostylus* nn. spp. Ungarn. Blaschke, F. l.c. (204-206, Taf. XX).
- Turristylus* n. subgen. (*Trypanostylus*). Blaschke, F. l.c. (205).
- Umbonium grobbei* n. sp. Ungarn. Blaschke, F. l.c. (181-182, Taf. XIX).
- *umbilicus* n. sp. Read, A. Centralbl. Min., Stuttgart, (177).
- Worthenia arthaberi* n. sp. Ungarn. Blaschke, F. Wien, Beitr. Geol. OstUng., 17, 1905, (179-180, Taf. XX).

2231.70 JURASSIC.

Acteonina elongata n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (96).

Alaria composita (Sow.,—*Rostellaria*, 1827); 2 nn. spp. U. K. **Blake, J. F.** l.c. (63-65).

Aptyxiella blainvillei (Desl.,—*Cerithium*, 1843); *A. lineata* n. sp. U. K. **Blake, J. F.** l.c. (74).

Ataphrus halerus (d'Orb.,—*Trochus*, 1853). **Blake, J. F.** l.c. (92).

Bittium lorieri (Héb. and Desl.,—*Cerithium*, 1860); *B. pingue* n. sp. **Blake, J. F.** l.c. (67-68).

Bourguetia striata. Somaliland. **Dacqué, E.** Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (143).

Cerithinella biserialis n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (70).

Cloughionia depressa n. sp. U. K. **Blake, J. F.** l.c. (82).

Cryptaulax tortilis (Héb. and Desl.,—*Cerithium*, 1860). **Blake, J. F.** l.c. (69).

Delphinula tethys n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (125-126, Taf. VI).

Eucyclus armiger (Lyc.,—*Amberleya*, 1863). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (84).

Eulina nn. spp. U. K. **Blake, J. F.** l.c. (75-76).

Harpagodes. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (135-137, Taf. VII).

— Somaliland. **Dacqué, E.** l.c. **17**, 1905, (143).

Helicocryptus orsus n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (87).

Ilydatina undulata (Bean, — *Bulla*, 1839); 2 nn. spp. U. K. **Blake, J. F.** l.c. (99-100).

Littorina cassius (d'Orb., — *Turbo*, 1855). **Blake, J. F.** l.c. (85).

Natica nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (127-132, Taf. VI).

— *punctura* (Bean, — *Littorina*, 1839). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (79).

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Nerinea nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (132-135, Taf. VII).

— *dimidiata* n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (73).

Nerita litoralis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (126, Taf. VI).

Nucula menkii. **Vetters, H.** l.c. **17**, 1905, (248).

Pleurotomaria debilis n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (94).

— *neosolodurina* n. sp. Somaliland. **Dacqué, E.** Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (141-142, Taf. XVI, figs. 5-6).

Pseudomelania vittata (Phill., — *Melania*, 1835). **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (77).

Purpurioidea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (127, Taf. VI).

Trochus. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

— nn. spp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (88-91).

Turbo antonini n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (124-125, Taf. VI).

Tylostoma. Asia Minor. **Krumbeck, L.** l.c. **18**, 1905, (132, Taf. VI).

Vanikoro canaliculata n. sp. U. K. **Blake, J. F.** London, Monogr. Palaeont. Soc., **59**, 1905, (98).

2231.75 CRETACEOUS.

Acmaza capillaris. Sachsen. **Deninger, Karl.** Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (4).

— *cerrillosensis* n. sp. New Mexico. **Johnson, D. W.** Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Actaeonella. Sachsen. **Deninger, K.** Wien, Beitr. Geol. Pal. OstUng., **18**, 1905, (23).

Admetopsis? elevata n. sp. New Mexico. **Johnson, D. W.** Sch. Mines

Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Aporrhais. Sachsen. Deninger, K. Wien, Beitr. Geol. Pal. OstÜng., 18, 1905, (29-31).

Bullina. Sachsen. Deninger, K. l.c. 18, 1905, (23).

Cerithium dichachondratum n. nom. für *Cerithium gallicum* Geinitz (non d'Orbigny). Deninger, K. l.c. (17, Taf. III-IV).

Chrysodomus. Sachsen. Deninger, K. l.c. (31-32).

Cinulia. Sachsen. Deninger, K. l.c. (32-33).

Columbella. Sachsen. Deninger, K. l.c. (21).

Fusus. Sachsen. Deninger, K. l.c. (22).

——— Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (143, Taf. II).

Helcion. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstÜng., 18, 1905, (3-4).

Littorina pectinata, n. nom. für *Littorina gracilis* Geinitz (non Sowerby). Deninger, K. l.c. (10).

Natica plauensis n. nom. Deninger, K. l.c. (11).

Nerita. Sachsen. Deninger, K. l.c. (8).

Patella. Sachsen. Deninger, K. l.c. (4).

——— *tenuicostata* Reuss. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (139).

Pleurotomaria. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstÜng., 18, 1905, (4).

——— *pailletteana* d'Orb. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (139-140).

Pseudomelania. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstÜng., 18, 1905, (12).

Pterodonta. Dacqué, E. l.c. 17, 1904, (19-20).

Rissoa. Sachsen. Deninger, K. l.c. 18, 1905, (27).

Rostellaria simplex d'Orb. Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (142-143, Taf. II).

Rostellites dalli var. *wellsi* n. var. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Scaloria. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstÜng., 18, 1905, (28).

Scurria? coniformis n. sp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

Solarium. Sachsen. Deninger, K. Wien, Beitr. Pal. Geol. OstÜng., 18, 1905, (9, Taf. I).

Stelameria. Sachsen. Deninger, K. l.c. (5, Taf. I).

Trochus. Sachsen. Deninger, K. l.c. (6-7).

Tudicla. Sachsen. Deninger, K. l.c. (31).

Turbo. Sachsen. Deninger, K. l.c. (5-6).

——— Favre, I. Charikov, Trd. Obsč. ispyt. prir., 38, 2, 1903, (140-142, Taf. II).

Turritella difficilis d'Orb. Favre, I. l.c. (142, Taf. II).

——— *galisteoensis* n. sp. New Mexico. Johnson, D. W. Sch. Mines Q., New York, N.Y., 24, 1903, (173-246, with pl.).

——— *geinitzi* n. nom. Deninger, K. Wien, Beitr. Geol. Pal. OstÜng., 18, 1905, (11, Taf. III).

Voluta. Sachsen. Deninger, K. l.c. (32).

Volutilithes. Sachsen. Deninger, K. l.c. (32).

2231.80 CAENOZOIC.

Conus waltonensis n. sp. Florida and Alabama. Aldrich, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (131-132, with text fig.).

2231.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Calyptraea nigeriensis n. sp. Nigeria. Newton, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (89).

Campanile somaliensis n. sp. **Newton**, R. B. London, Q. J. Geol. Soc., **61**, 1905, (163).

Cancellaria bifoliata n. sp. Florida. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Clavilithes columbaris n. sp. Mississippi and Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Cypraea nuculoides n. sp. Mississippi and Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Dolium townsendi n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (301).

Fasciolaria crookiana n. sp. New Jersey. **Whitfield**, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (301-303, with illus.).

Fissuridea infrequens n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Latirus elaboratus n. sp. Alabama. **Aldrich**, T. H. l.c. (97-101, with pl.).

Magilus grandis n. sp. Madagascar. **Tornquist**, A. Frankfurt a. M., Avp. Senckenb. Ges., **27**, 1904, (333, Taf. XLVI).

Neptunea burrowsi n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (300).

Onula symmetrica n. sp. Mississippi. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97-101, with pl.).

Pleurotoma (Drillia) caseyi n. sp. Mississippi. **Aldrich**, T. H. l.c. (97-101, with pl.).

Tugurium mekranense n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (301).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aeme callosiuscula n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Amalia oppoliensis n. sp. **Andreae**, A. l.c. (22).

Cerithium Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

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Emmericia francofurtana n. form. Deutschland. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (112-116).

Helix Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Hydrobia Galizien. **Friedberg**, W. S. v. l.c. (275-327, mit 1 Taf.).

Hygromia (Fruticola) neudorfensis n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Limax excavatus n. sp. **Andreae**, A. l.c. (22).

Melanopsis nn. spp., *M. parreyssi*, Phil., *M. hungarica* Korm.; *M. sikorai* Brus.; *M. hazayi* Brus.; *M. tóthi* Brus.. var. *franciscæ* Brus.; var. *vidoviči* Brus.; *M. staudi* Brus., var. *costulata* Brus. **Kormos**, T. Földt. Közl., Budapest, **35**, 1905, (375-402, 421-450, mit Taf. II).

Mitra hectori n. sp. N. Zealand. **Hutton**, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (473, pl. XLIV, fig. 2).

Nerita costellata. Schwabien, **Schütze**, E. Centralbl. Min., Stuttgart, **1905**, (720-727).

Neritina oxytropidae n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, **21**, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pleurotoma Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

———— *hamiltoni* n. sp. N. Zealand. **Hutton**, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (472-473, pl. XLIV, fig. 1).

Pseudotruncatella n. gen., *P. pretiosa* n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Punctum propygmæum n. sp. **Andreae**, A. l.c. (22).

Pupa lomnickii n. sp. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

Pyramidula mamillata n. sp. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Rissoa. Galizien. **Friedberg**, W. S. v. Wien, Sitzber. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Septa englishi n. sp. Roumania. **Newton**, R. B. London, Proc. Malac. Soc., 6, 1905, (340).

Spirialis. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Triptychia margaretae n. sp. **Andreas**, A. Hildesheim, Mitt. Roemer-Mus., 20, 1904, (22).

Vaginella aucklandica n. sp. N. Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (410, pl. XXXII, fig. 5).

Valenciennesia roumaniensis n. sp. Roumania. **Newton**, R. B. London, Proc. Malac. Soc., 6, 1905, (342).

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

Babor, J. F. Die Weichthiere des böhmischen Plistocän und Holocän. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 5, 1904, (1-79).

SPECIAL.

Caducifer n. sect. (of *Colubraria*, type *Triton truncatus* Hinds). **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Craspedotriton n. sect. (of *Bufonaria*, subgen. of *Bursa*; type *Triton convolutus* Broderip). **Dall**, W. H. l.c. (119).

Cyclostoma elegans, Vorkommen in Deutschland seit der Diluvialzeit. **Menzel**, H. Berlin, Jahrb. geol. Landesanst., 24, 1904, (381-390).

Eugyrina n. nom. (= *Gyrina* Schumacher, not *Gyrinus* Linné; type *Ranella gigantea* Lamarck. **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (132).

Helicina occulta. **Shimek**, B. Davenport, Iowa, Proc. Acad. Nat. Sci., 9, 1904, ([173]-180).

Maculotriton n. sect. (of *Colubraria*, type *Triton bracteatus* Hinds). **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., 47, 1904, (136).

Monostolium n. sect. (of *Colubraria*, type *Triton swifti* Tryon). **Dall**, W. H. l.c. (136).

Paralagena n. nom. (= *Lagena* Mörk, not Walker; subgen. of *Argutissimum*; type *Ranella vesillum* Lamarck). **Dall**, W. H. l.c. (132).

Phrygiomurex n. sect. (of *Colubraria*, type *Triton sculptilis* Reeve). **Dall**, W. H. l.c. (137).

Taeniola n. sect. (of *Colubraria*, type *Triton decollatus* Sowerby). **Dall**, W. H. l.c. (137).

Tritoniscus n. sect. (of *Cymatium*, type *Triton loricatus* Petit). **Dall**, W. H. l.c. (134).

Tritonocauda n. sect. (of *Cymatium*, type *Murex caudatus* Gmelin + *Triton canaliferus* Lam.). **Dall**, W. H. l.c. (133).

Turritriton n. sect. (of *Cymatium*, type *Triton gibbosus* Broderip). **Dall**, W. H. l.c. (133).

Valvata (*Cincinna*) nn. spp. Hannover. **Menzel**, H. Berlin, Jahrb. geol. Landesanst., 24, (1903), 1904, (286-289, Taf. XIV).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Jukes-Browne, A. J. . . . Genera of the family Mytilidae. London, Proc. Malac. Soc., 6, 1905, (211-224).

SPECIAL.

Anoplophera ephippium n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (44-45, with pl.).

Avicula nn. spp. Bären-Insel. **Böhm**, J. l.c. (25-26, with pl.).

Aviculopecten tenuistriatus n. sp. Bären-Insel. **Böhm**, J. l.c. (23, with pl.).

Badiotella excellens n. sp. Predazzo. **Philipp**, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (69-70, Taf. VI).

Bakewellia ursina n. sp. Bären-Insel. **Böhm**, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (34-35, with pl.).

Cardita lalemarensis n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (96-97, pl. VI).

Cassianella rosenbuschi n. sp. Predazzo. Philipp, H. l.c. (87-88, pl. V).

Cassianella tectiformis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (29, with pl.).

Cucullaea (Macrodon ?) cherieanus n. sp. Bären-Insel. Böhm, J. l.c. (39-40, with pl.).

Daonella lovénii n. sp. Bären-Insel. Böhm, J. l.c. (33-34, with pl.).

Dimyodon patera n. sp. Bären-Insel. Böhm, J. l.c. (18, with pl.).

Eumorphotis nn. spp. Bären-Insel. Böhm, J. l.c. (27-29, with pl.).

Gervilleia nn. spp. Bären-Insel. Böhm, J. l.c. (35-37, with pl.).

Gonodon modestus n. sp. Bären-Insel. Böhm, J. l.c. (49, with pl.).

Gryphaea nn. spp. Bären-Insel. Böhm, J. l.c. (16-17, with pl.).

Homomya forsbergi n. sp. Bären-Insel. Böhm, J. l.c. (49-50, with pl.).

Lima nn. spp. Bären-Insel. Böhm, J. l.c. (18-21, with pl.).

Macrodon nn. spp. Bären-Insel. Böhm, J. l.c. (39, with pl.).

Megalodon nn. spp. Bären-Insel. Böhm, J. l.c. (47-48, with pl.).

Myophoria nn. spp. Bären-Insel. Böhm, J. l.c. (41-43, with pl.).

Mysidiopora luehi n. sp. Bären-Insel. Böhm, J. l.c. (21, with pl.).

Nucula triangularis n. sp. Bären-Insel. Böhm, J. l.c. (41, with pl.).

Palaeoneilo nn. spp. Bären-Insel. Böhm, J. l.c. (40-41, with pl.).

Pecten nn. spp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (88-93, pl. VI).

(*Bitnerella*) *damesi* n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (22-23, with pl.).

Pholadomya franciscæ n. sp. Bären-Insel. Böhm, J. l.c. (50, with pl.).

Pinna nn. spp. Bären-Insel. Böhm, J. l.c. (38, with pl.).

Pleurophorus nn. spp. Bären-Insel. Böhm, J. l.c. (45-47, with pl.).

Posidonomya ? plana n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (94-95, pl. V).

Pseudocucullaea. Schmidt, F. von. l.c. Protok., (120-121).

Pseudomonotis bittneri n. sp. Predazzo. Philipp, H. l.c. Aufsätze, (93-94, pl. VI).

Pseudomonotis (Eumicrotis) spitzbergensis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (27, with pl.).

Rhynchopterus perna n. sp. Bären-Insel. Böhm, J. l.c. (30, with pl.).

Trigonia margaritifera n. sp. Bären-Insel. Böhm, J. l.c. (43-44, with pl.).

2231.45 PALAEOZOIC.

Aviculipecten, typical species and generic characters. Glirty, G. H. Amer. Geol., Minneapolis, Minn., 33, 1904, (291-296, with text fig.); 34, 1904, (332-333).

——— Hind, W. l.c. (200-201).

2231.50 LOWER PALAEOZOIC.

Actinopteria reticulata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (245, pl. XXII, fig. 3).

Arca (Palaearea) turnbulli n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Ctenodonta nn. spp. U.K. Reed, F. R. C. l.c. (494-495).

——— *jerseyensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (164, pl. XI, fig. 17).

Cyrtodonta cancellata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Edmondia ? deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (241-242, pl. XXII, figs. 6-7).

Modiolopsis nn. spp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (498-500).

——— nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J. Rep. Paleont., 3, 1903, (170-171, pl. XI, figs. 8-9).

Mytilarca obliqua n. sp. Weller, S. l.c. (245, pl. XXII, fig. 8).

Orthodesma semiradiata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (493).

Pychopteria ? *subquadrata* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (193-194, pl. XIV, fig. 16).

Whitella inutilis n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (497).

——— *suborbicularis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (168, pl. XI, fig. 2).

2131.55 UPPER PALAEOZOIC.

Acanthopecten n. subgen. (of *Aviculopecten* (or *Lima* ?); type *Aviculopecten carboniferus* Stevens). Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. 16, 1903, (417).

Actinopteria sola n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Anthracosia ? *fritschii* n. sp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (47-48, Taf. V, fig. 2).

Avicula bodana. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (15).

Aviculopecten janischevsky n. sp. Russland. Tokarenko, L. l.c. (15-16).

Buchiola nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Cardiomorpha obliquata n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Conocardium sp. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (17).

——— *gowandense* n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Elastmatium n. gen., *E. gowandense* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Honeoyea n. gen., *H. crinacea*, *H. major*, *H. styliophila*, *H. simplex*, *H. desmata* nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Kochia ungula n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Leptodomus nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Loxopteria nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Lunulicardium nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Megalodon crassus. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (16-17).

Megambonia parva n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (333, pl. XLIII, fig. 12).

Myalina sp. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (16).

Myophoria deltoidea. Tokarenko, L. l.c. (16).

Ontaria n. gen. (= *Cardiola* auct. aliq.; type *Ungulina suborbicularis* Hall), *O. pontiaca*, *O. accincta*, *O. affiliata*, *O. halli* nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Onychocardium n. gen., *O. portlandicum* n. sp. New York: Devonian. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 21, 1905, (17-20); (18-20, pl. I, fig. 2).

Palaeonodonta nn. spp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (52-56, Taf. V, figs. 6-10).

Palaeoneilo nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Paracardium delicatulum n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Paraptyx n. gen., *P. ontario* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Posidonia marcellensis n. sp., *P. venusta* Münster var. *nitidula* n. var. New York. Clarke, J. M. l.c. (11. + [199]-454).

Praecardium nn. spp. New York. **Clarke, J. M.** *l.c.* (11. + [199]-454).

Pterochaenia n. gen., *P. fragilis* Hall var. *orbicularis* n. var., *P. sinuosa*, *P. perissa*, *P. elmensis*, *P. cashaquae*, *P. uchensis* nn. spp. New York. **Clarke, J. M.** *l.c.* (11. + [199]-454).

Rhombopteria clathratus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16-18).

2231.60 MESOZOIC.

Anopaca nn. spp. Niederländisch-Indien. **Boehm, G.** Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (19-20, Taf. I).

Mytilus diepenheimi n. sp. Niederländisch-Indien. **Boehm, G.** *l.c.* (20, Taf. I).

Nucula taliabutica n. sp. Niederländisch-Indien. **Boehm, G.** *l.c.* (21, Taf. I).

2231.65 TRIASSIC.

Cassianella ecki n. sp. Deutschland. **Böhm, J.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (95-96).

Gervillia spinosa n. sp. **Linstow, O.** von. *l.c.* Aufsätze, (102-103, with figs.).

Mytilus ululiformis sp. **Benecke, E. W.** Centralbl. Min., Stuttgart, **1905**, (705-714).

Pinna ecki n. sp. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333-336).

2231.70 JURASSIC.

Alectryonia. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstÜng., **17**, 1905, (134-135, Taf. XV, figs. 7, 21).

———— *hastellata*. Asia Minor. **Krumbeck, L.** *l.c.* **18**, 1905, (107-108, Taf. IV).

Anatina. Asia Minor. **Krumbeck, L.** *l.c.* (123-124, Taf. VI).

Anomia. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Astarte. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstÜng., **18**, 1905, (115-116, Taf. V).

———— nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (217, 223).

Aucella. **Vetters, H.** Wien, Beitr. Geol. Pal. OstÜng., **17**, 1905, (249-250).

Avicula mulatae n. sp. Somaliland. **Dacqué, E.** *l.c.* (131-132, Taf. XV).

Cardium spp. Asia Minor. **Krumbeck, L.** *l.c.* **18**, 1905, (119-121, Taf. V).

Ceromya augusticostata n. sp. Asia Minor. **Krumbeck, L.** *l.c.* (121-122, Taf. VI).

———— *excentrica*. Somaliland. **Dacqué, E.** *l.c.* **17**, 1905, (139-140).

Corbis strambergensis. **Vetters, H.** *l.c.* (247).

Ctenostreon. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cucullaea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstÜng., **18**, 1905, (114).

Diceras im südlichen Hannover. **Menzel, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (10-14).

Ezogyrä bruntrutana. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstÜng., **17**, 1905, (135-136, Taf. XV, fig. 18).

Gervilleia? ferruginea n. sp. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (142).

Isocardia eljasensis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstÜng., **18**, 1905, (117-118, Taf. V).

Leda medusa n. sp. Russland. **Borisiak, A. A.** St. Peterburg, Mém. Com. géolog., (N. Sér.), **11**, 1904, (1-28); rés. allem. (29-40, avec 3 pl.).

Lima. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

———— nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstÜng., **18**, 1905, (97-101, Taf. III).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. l.c. (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (189-191).

———— *area-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. l.c. **18**, 1905, (114-115, Taf. II).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. l.c. (118-119, Taf. V).

2231.75 CRETACEOUS.

Area geinitzi Reuss. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. l.c. (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. l.c. (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullea gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena nn. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. foureaui* n. sp. **Haug**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Exogyra couloni. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gervillia sublanceolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. l.c. (109-110, Taf. I).

Inoceramus. **Favre**, I. l.c. (128-131, Tafs. I-III).

———— nn. spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. l.c. (132-133).

Lima. **Favre**, I. l.c. (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. Reichsanst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Charikov, Trd. Obšč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Ostrea anomioidea var. *nana* n. var. New Mexico. Johnson, D. W. Sch. Mines Q. New York, N.Y., 24, 1913, 173-246, with pl.

Portia. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, 115-121, Taf. I-II.

———— *kalkorakyi* n. sp., Böhmen. Petrascheck, W. Wien, Jahrb. Geol. Reichsanst., 55, 1905, 431-432, Taf. X, figs. 1-4.

Perna lanceolata Geinitz. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, 128.

———— *rikuzenica* n. sp. Rikuzen. Yokoyama, M. Tokyo, J. Coll. Sci., 18, Art. 6, 1904, 13, pl. I, fig. 1.

Pholadomya pieteti. Dacqué, E. Wien, Beitr. Pal. Geol. OstÜng., 17, 1904, 17, Taf. II, figs. 10-11.

Placynopsis iskoudouboukiana. Dacqué, E. l.c. (13).

Pteria nn. spp. U. K., *P. (Oxytoma) cornueliana* (d'Orb.,—*Avicula*, 1846); *P. (Oxytoma) pectinata* (Sow.,—*Avicula*, 1836); *P. (Oxytoma) dubia* (Eth.,—*Avicula*, 1881); *P. (Oxytoma) tenuicostata* (Röm.,—*Avicula*, 1841); *P. (Pseudoptera) sublepreana* (d'Orb.,—*Avicula*, 1850); *P. (Pseudoptera) corulaceus* (Nilss.,—*Avicula*, 1827). Woods, H. London, Monogr. Palaeont. Soc., 59, 1905, 57-67.

Spondylus spinosus Deshayes. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, 126-127, Taf. I.

Trigonia pieteti. Dacqué, E. Wien, Beitr. Pal. Geol. OstÜng., 17, 1904, 15-16, Taf. II, figs. 1-2.

———— *costata* Lycett. Rikuzen. Yokoyama, M. Tokyo, J. Coll. Sci., 18, Art. 6, 1904, 8-9, pl. II, figs. 2-4.

———— *hosourensis*, Rikuzen. Yokoyama, M. l.c. (11, pl. I, fig. 3).

Venus. Favre, I. Charikov, Trd. Obšč. ispyt. prir., 38, 2, 1903, 137-139.

Vola neumanni n. sp. Dacqué, E. Wien, Beitr. Pal. Geol. OstÜng., 17, 1904, 12-13, Taf. III., fig. 1.

2231.80 CAESUMON.

Williamson, H. H. Boston. Basis of the classification of the Cyrenaria by William H. Dall. Nautilus, Boston, Mass., 17, 1903, 47-48.

2231.85 LOWER CAESUMON (BOCKEN, OLGOCEN).

Anisocardia mayari n. sp. Aegypten. Oppenheim, P. Palaeontographica, Stuttgart, 38, 1903, Abt. 3, (164).

Arca nn. spp. Aegypten. Oppenheim, P. l.c. (86-92).

———— *Manfordi* n. sp. Boston. R. B. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (296).

Cardita nn. spp. Aegypten. Oppenheim, P. Palaeontographica, Stuttgart, 38, 1903, Abt. 3, (99-111).

Cardium (Lazocardium) desertorum n. sp. Aegypten. Oppenheim, P. l.c. (156-157).

———— *mcCalli* n. sp. Boston. R. B. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (299).

Chama nn. spp. Aegypten. Oppenheim, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (118-119).

———— *monroensis* n. sp. Alabama. Aldrich, T. H. Nautilus, Philadelphia, Pa., 16, 1903, 97-101.

Crassatella nn. spp. Aegypten. Oppenheim, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (112-116).

Cucullaea dimehensis n. sp. Aegypten. Oppenheim, P. l.c. (85).

Cyprina aegyptiaca n. sp. Aegypten. Oppenheim, P. l.c. (161-162).

Cyrena (Corbicula) blanckenhornii n. sp. Aegypten. Oppenheim, P. l.c. (160).

Gryplaea gregoryi n. sp. Newton. R. B. London, Q. J. Geol. Soc., 61, 1905, (167).

———— *pharaonum* n. sp. Aegypten. Oppenheim, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (13).

Isocardia ? rorax n. sp. Aegypten. Oppenheim, P. l.c. (162-163).

Lima nn. spp. Aegypten. Oppenheim, P. l.c. (57-59).

Limopsis thebaica n. sp. Aegypten. **Oppenheim**, P. l.c. (95).

Lithodomus nn. spp. Aegypten. **Oppenheim**, P. l.c. (78-80).

Lucina nn. spp. Aegypten. **Oppenheim**, P. l.c. (170-171, pl. XI, figs. 8-9).

Maetra mekranensis n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (298).

Modiolaria fraasi n. sp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (80-81).

Mytilus nn. spp. Aegypten. **Oppenheim**, P. l.c. (77-78).

Nucula moeridis n. sp. Aegypten. **Oppenheim**, P. l.c. (82-83).

Ostrea nn. spp. Aegypten. **Oppenheim**, P. l.c. (16-45).

Panopaea sahariensis n. sp. Sahara. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (88).

Pecten nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (52-55).

————— (*Pseudamusium*) *subminutus* n. sp. Mississippi. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (79-101).

Pectunculus nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (94-95).

Plicatula nn. spp. Aegypten. **Oppenheim**, P. l.c. (61-62).

Spondylus nn. spp. Aegypten. **Oppenheim**, P. l.c. (66-67).

————— *somaliensis* n. sp. **Newton**, R. B. London, Q. J. Geol. Soc., 61, 1905, (169).

Tellina krausei M'Coy = *Semele krauseana* Tate. **Chapman**, F. Vict. Nat., Melbourne, 21, 1905, (180).

Verticordia nn. spp. Mississippi and Alabama. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (97-101, with pl.).

Vulsella nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (70-76).

Vulsella nigeriensis n. sp. Nigeria. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (85).

2231.90 *UPPER CAENOZOIC (MIOCENE, PLIOCENE).*

Amussium papakurencense n. sp. New Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (418, pl. XXXII, fig. 4).

Cardita. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cardium. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

————— Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Congeria. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Corbula. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cryptodon. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Cryptomaetra. **Andrusov**, N. l.c. (255-381, mit 7 Taf. u. 1 Karte).

Cytherea. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Dreissensia. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Ervilia. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Leda prendeli n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pecten. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

————— *aduncus* Eichw.? *P. cristatus* Bronn; *P. cristatus* var. *mediterraneus* n. var.; *P. felderi* Karrer; *P.*

acuminatus (Gulf); *P. sp.* Gulf.
Fisch. Zool. Budapest, 25, 1905,
301, 304-307.

Pecten nulli n. sp. N. Zealand.
Bather, F. A. Geol. Mag., Lond. N.
Ser. 2, 1905, 433.

——— *Carinatus* Bather. Observa-
tiones geologiquae novaeque faune in
Galliae et Poloniae. Bather, R. (Polish).
Kunowa, Lwow 22, 1904, 419-420.

Pseudomonas Pecten hastoni n. sp.
N. Zealand. Bather, F. A. Geol. Mag.,
Lond. N. Ser. 2, 1905, 435.

Pecten (Gulf). Fritsch, W. S. v.
Wien. Sitzber. Ak. Wiss. 124, 1905,
Abth. 1, 273-277, pls. 1-14.

2231.95 PREISTOGENE AND RECENT.

Crinoidella iranianus n. sp. Bull.
W. H. Nautilus. Philadelphia, Pa., 28,
1903, 101-102.

Tritus Macoma. Jensen, A. S.
Danish. Kjöbenhavn. Nash. Medd.
1905, 21-51, with 1 pl. 129-132.

AMPHIDONTA

2231.55 LOWER CAENOZOIC

Amphidonta n. sp. Verrill. Bull.
U. S. Marine Mus., B. Soc. Ver.
N. Ser. 17, 1905, 91-92.

SCAPHOPODA

Scaphopoda n. sp. Bären-
Island. Böhm, F. St. d. d. Ver. Ak.
Hordl. 37, N. 2, 1905, 53-54, with
pls.

——— *Scaphopoda* n. sp. N. Zealand.
Bather, F. A. Geol. Mag., Lond. N.
Ser. 2, 1905, 440.

2231.65 TRIASSIC.

Dentalium apertum (n. sp.) Rea.
A. Centralk. Min. Stuttgart. 1905,
176.

2231.75 CRETACEOUS.

Dentalium melium. Sow. Favre, I.
Charikov. Trd. Obsk. ispyt. prin., 38, 2,
1903, (144).

2231. ANTEROPODA HELI- DUS INSECTA

2231.55 UPPER PALAEOG.

Helidius strimmonis n. sp. Benth.
Zool. Zool. (J. T.). Chama, B.
Zool. Ges., 25, (1899-1900), 104,
(LXIX-LXXII).

——— *Helidius* n. sp. Fries.
Benth. F. Berlin. Jahrb. geol. Lan-
desanst., 25, 1904, (454-457, pls. 1-14).

Helidius giganteus n. sp. Agass.
A. Paris. Bull. Soc. ent., 1902, (28-
32, ser. fig.).

2231.65 TRIASSIC.

Glyptopoda lathropina n. sp.
Lorraine. Hübner, P. Nancy. Bull. Soc.
Sci. ser. 3, 4, 1903, (116-119).

2231.70 JURASSIC.

Amphidonta n. gen., *A. quadrata* n.
sp. Germany. Walthar, J. Jena.
Denkschr. med. Ges., 11, 1904, (163).

Camptopoda n. gen., *C. depressa*
n. sp. Braunschweig. Bode, A. Ber-
lin. Jahrb. geol. Landesanst., 25, (1904),
1905, 226-229, Taf. VII.

Elcamia grisea Hoer. var. *aceros* n.
var. Braunschweig. Bode, A. l. c.
222-223, Taf. VI.

Amphidonta n. spp. Braunschweig.
Bode, A. l. c. 223-226, Taf. VI.

Heteropoda n. spp. Braunschweig.
Bode, A. l. c. 229-236, Taf. VII.

Elcamia n. gen., *K. haeckeli*
n. sp. Germany. Walthar, J. Jena.
Denkschr. med. Ges., 11, 1904, (184-
189).

Orthopoda Phryganidium n. spp.
Braunschweig. Bode, A. Berlin. Jahrb.
geol. Landesanst., 25, (1904), 1905,
242-244, Taf. VI.

Phryganidium n. spp. Braun-
schweig. Bode, A. l. c. 241-242, 244-
245, Taf. VI.

2431.85 LOWER CAENOZOIC Eocene, Oligocene.

Diplonema russicornis n. sp. Ambre
de la Baltique; *D. longicornis* Loew.
Meunier, description. Meunier, F. Ann.
Hist.-Nat. Mus. Nat. Hung., Budapest, 3,
1905, (251-252).

Dorcaschema succineum n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Eatonisca tertiaria n. sp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (253-254).

Nothorrhina granulicollis n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf., Freunde, 1905, (232-245).

Palaeoascia uniappendiculata n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

Palaeospegina elegantula n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Pericoma nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (243-245).

Phlebotomustipuliformis n. sp. Ambre de la Baltique. **Meunier**, F. l.c. (254).

Plecia borussica n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (391-404).

Pogonochaerus jaeckeli n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Psychoda cocenica n. sp. Ambre de la Baltique; *P. oxyptera* Loew. (Meun.), description. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (245-246).

Rhyphus nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (391-404).

Scatopsæ nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Simulia nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Spheginascia biappendiculata n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Strangalia berendtiana n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Sycorax nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (252-253).

Syrphus curripetiolatus n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

Trichomyia nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (246-251).

Xylota pulchra n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

2431.95 PLEISTOCENE AND RECENT.

Aphodius succini n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (197-205, 222).

Carabus, degré d'évolution à l'époque du pléistocène moyen. **Lapouge**, G. de Rennes, Bul. soc. sci. méd., 11, 1902, (548-564).

Gyrinus sculpturatus n. sp. Schweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., 27, 1905, (233-236, with pl.).

Olophrum interglaciale n. sp. **Mjöberg**, E. l.c. 26, 1904, (493-497, with pl.).

Platycerus berendti n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (197-205, 222).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Beyrichia argentina n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., 57, 1905, Aufsätze, (250, pl. XI).

2631.50 LOWER PALAEOZOIC.

Aparchites ? nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (45-46, with pl.).

Beyrichia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (253-267, pl. XXIII).

Beyrichona nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (46-47, with pl.).

Bradoria nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (99-102).

Bradorona nitida n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (48, with pl.).

Bythocypris nearpassi n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (257, pl. XXIII).

Eurychilina nn. spp. **Weller, S. l.c.** (210, pl. XIII).

Hipponicharion matthewi n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (49, with pl.).

Indiana? minima n. sp. **Wiman, C. l.c.** [1905], (48-49, with pl.).

Leperditella ornata n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (200, pl. XIII).

Leperditia nn. spp. **Weller, S. l.c.** (208, 252-265, pls. XII, XXIII).

Sellula fallax n. sp. **Wiman, C.** Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (48, with pl.).

2631.55 UPPER PALAEOZOIC.

GENERAL.

Jones, T. Rupert. Some Paleozoic Ostracods from Maryland. Baltimore, Md., Johns Hopkins Univ. Cir. (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

SPECIAL.

Anthrapalacmon serratus n. sp. **U.K. Woodward, H.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (438).

Cyclus johnsoni from the Coal Measures near Dudley. **Woodward, H. l.c.** (490-492, with figs.).

Primitia froburgensis n. sp. Maryland, Permian. **Jones, T. R.** Baltimore, Md., Johns Hopkins Univ. Cir. (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

2631.65 TRIASSIC.

Esteriella radiata (Salinas) var. *multilineata* n. var. **Jones, T. R.** Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (51).

2631.70 JURASSIC.

Eryon. Peiser, G. Beitrag zur Kenntnis . . . der Gattung. . . . Diss. Erlangen, 1904, (58, mit 1 Taf.).

2631.75 CRETACEOUS.

Calianassa uniofer n. sp. **Harbert, E.** Berlin, Jahrb. geol. Landesanst., **21**, 1905, (26-42, mit 1 Taf.).

2631.80 CAENOZOIC.

GENERAL.

Lienenklaus, E. Die Ostrakoden des Mainzer Tertärbeckens. Frankfurt a. M., Ber. Senckenb. Geo., 1906, **11**, **2**, (3-74, mit 4 Taf.).

SPECIAL.

Bairdia tenuis n. sp. **Lienenklaus, E.** Frankfurt a. M., Ber. Senckenb. Geo., 1906, **11**, **2**, (30, Taf. II).

Candona nn. spp. **Lienenklaus, E. l.c.** (21-24, Taf. 7).

Cuneocythere punctulata n. sp. **Lienenklaus, E. l.c.** (48-49, Taf. IV).

Cyclocypris similis n. sp. **Lienenklaus, E. l.c.** (18-19, Taf. I).

Cypria curvata n. sp. **Lienenklaus, E. l.c.** (19-20, Taf. I).

Cypridopsis kinkelini n. sp. **Lienenklaus, E. l.c.** (27, Taf. II).

Cypria nn. spp. **Lienenklaus, E. l.c.** (24-27, Taf. I and II).

Cythereis ramosa n. sp. **Lienenklaus, E. l.c.** (32-33, Taf. III).

Cytheridea nn. spp. **Lienenklaus, E. l.c.** (39-47, Taf. III-IV).

Cytheropteron punctulatum n. sp. **Lienenklaus, E. l.c.** (56-57, Taf. IV).

Cytherura sulcata n. sp. **Lienenklaus, E. l.c.** (55, Taf. IV).

Eucytherura dentata n. sp. **Lienenklaus, E. l.c.** (57, Taf. IV).

Iliocypris nn. spp. **Lienenklaus, E. l.c.** (28-29, Taf. II-III).

Limnocythere zinndorfi n. sp. **Lienenklaus, E. l.c.** (58, Taf. IV).

Lorocochea nn. spp. **Lienenklaus, E. l.c.** (52-53, Taf. IV).

Pontocypris nn. spp. **Lienenklaus, E. l.c.** (16-17, Taf. I).

Xestoleberis rhenana n. sp. **Lienenklaus, E. l.c.** (53-54, Taf. IV).

2631.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Neptunus arabicus n. sp. **Woodward**,
H. Geol. Mag., London, (ser. 2), [5], **2**,
1905, (307).

Ommatocarcinus corioensis, descrip-
tion. **Hall**, T. S. Melbourne, Proc. R.
Soc. Vict., (N. Ser.), **17**, 1905, (356-360,
with 1 pl.).

2631.90 UPPER CAENOZOIC
PLEISTOCENE AND RECENT.

GENERAL.

Cushman, J. A. Miocene barnacles
from Gay Head, Mass., with notes on
Balanus proteus Conrad. Amer. Geol.
Minneapolis, Minn., **34**, 1904, ([293]-
296, with text fig.).

Łomnicki, J. L. M. Compte rendu
des recherches entreprises sur l'exten-
sion de l'houille brune dans certains
endroits de Pokucie en Galicie. (Polish)
Kosmos, Lwów, **29**, 1904, (374-391).

Sieber, Fossile Süßwasser-Ostrako-
den aus Württemberg. Stuttgart, Jahres-
hefte Ver. Natk., **61**, 1905, (321-346,
mit 2 Taf.).

SPECIAL.

Cushman, J. A. *Balanus proteus*
from Massachusetts. Amer. Geol.,
Minneapolis, Minn., **34**, 1904, ([293]-
296, with text fig.).

Candonia steinheimensis n. sp. Würt-
temberg. **Sieber**, Stuttgart, Jahres-
hefte Ver. Natk., **61**, 1905, (327-329,
Taf. VIII).

Candonopsis arida n. sp. Württem-
berg. **Sieber**, l.c. (332-333, Taf. VIII).

Cyclocypris nitida n. sp. Württem-
berg. **Sieber**, l.c. (333-334).

Cypris suborbicularis n. sp. Würt-
temberg. **Sieber**, l.c. (334-335, Taf.
VIII).

Cypridopsis gracilis n. sp. Württem-
berg. **Sieber**, l.c. (339-340, Taf. IX).

Cypris m. spp. Württemberg. **Sieber**,
l.c. (335-338, Taf. VIII and IX).

Iliocypris binocularis n. sp. Würt-
temberg. **Sieber**, l.c. (341-342, Taf.
IX).

Limnocythere esphigmene n. sp.
Württemberg. **Sieber**, l.c. (343-345,
Taf. IX).

2631.95 PLEISTOCENE AND
RECENT.

Sieber, Fossile Süßwasser-Ostra-
koden aus Württemberg. Stuttgart,
Jahreshefte Ver. Natk., **61**, 1905, (321-
346, mit 2 Taf.).

2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA.

Nileus. **Schmidt**, Fr. St. Petersburg,
Mém. Ac. Sc., (Sér. 8), **14**, 1904, (63-
68).

2831.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

GENERAL.

Agnus, *Palaeoblattina douvillei*, con-
sidérée d'abord comme un insecte, est
une pointe génale de trilobite. Paris,
C.-R. Acad. sci., **138**, 1904, (398).

Moberg, J. C. Contributions to a
knowledge of the structure of the Trilo-
bites. (Swedish) Stockholm, Geol. För.
Förh., **24**, 1902, (295-302, pl. 3).

Ferner, J. Ueber das Sehorgan am
Hypostomum der Trilobiten. (Čechisch)
Vesmír, Prag, **33**, 1904, (64-65).

Reed, F. R. C. The classification of
the *Phacopidae*. Geol. Mag., London,
(Ser. 2), [5], **2**, 1905, (172-178; 224-
228).

SPECIAL.

Homalonotus kayseri n. sp. Argen-
tinien. **Thomas**, I. Berlin, Zs. D. geol.
Ges., **57**, 1905, Aufsätze, (245-246, Taf.
IX).

Phacops argentinus n. sp. Argen-
tinien. **Thomas**, I. l.c. (246-247, Taf.
XI).

2831.50 LOWER PALAEOZOIC.

GENERAL.

Grünwall, K. A. On the Scandinavian
Paradoxides-beds. (Swedish) Stock-

Lima. (*Plagiostoma*) *ferruginea* n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (122).

— *harronis* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (133–134, Taf. XV, figs. 13, 14).

Limaea. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Lithodomus nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (112–113, Taf. IV).

Macrodon rufae n. sp. Somaliland. **Dacqué**, E. l.c. 17, 1905, (137–138, Taf. XV, figs. 4–6).

Modiola. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

— *amphitrite* n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (110–111, Taf. IV).

— *koehi* n. form. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (167).

— *subangustissima* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (136–137, Taf. XV, fig. 8).

Myophoria. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (114).

Mytilus alatus n. sp. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (108–109, Taf. IV).

— *subpectinatus*. Somaliland. **Dacqué**, E. l.c. 17, 1905, (136, Taf. XV, fig. 27).

Nucula nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog., (N. sér.), 11, 1904, (1–28 + rés. allem. 29–49, avec 3 pls.).

— spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (113–114).

Ostrea nn. spp. Asia Minor. **Krumbeck**, L. l.c. (105–107, Taf. V).

— *bristovi* n. sp. (ex Etheridge MS.) U.K. **Richardson**, L. London, Q. J. Geol. Soc., 61, 1905, (422).

Oxytoma. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Pachyerisma blanchenhorni n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (116–117, Taf. V).

Palaeoneilo nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1–28 + rés. allem. 29–49, avec 3 pls.).

Pecten nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (102–105, Taf. III and IV).

— **Vetters**, H. l.c. 17, 1905, (250–252).

— *erlangeri* n. sp. Somaliland. **Dacqué**, E. l.c. (132–133, Taf. XV, figs. 12–20).

— *pseudopriacus* n. sp. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Phaenodesmia nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1–28); rés. allem. (29–70, avec 3 pl.).

Pholadomya. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (123, Taf. VI).

— Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

— *protei*. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (140–141, Taf. XV, figs. 1–3).

Pinna. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Plagiostoma. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pleuromya. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pleurotomaria. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Plicatula. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pronoella nn. spp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (236, 245).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. *L.c.* (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), II. **6**, 1905, (189-191).

———— *area-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. *L.c.* **18**, 1905, (114-115, Taf. II.).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. *L.c.* (118-119, Taf. V).

2231.75 CRETACEOUS.

Arca geinitzi Reuss. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. *L.c.* (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. *L.c.* (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullea gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena nn. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. fourcaui* n. sp. **Haug**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Exogyra couloni. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gervillia sublanceolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. *L.c.* (109-110, Taf. I).

Inoceramus. **Favre**, I. *L.c.* (128-131, Tafs. I-III).

———— nn. spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Char'kov, Trd. Obšč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. *L.c.* (132-133).

Lima. **Favre**, I. *L.c.* (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Char'kov. Trd. Obšč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Gastropoda.

Rissoa. Galizien. **Friedberg.**
W. S. v. Wien, Sitzber. Ak. Wiss.,
114, 1905, Abth. I, (275-327, mit 1
Taf.).

Septa englishi n. sp. Roumania.
Newton, R. B. London, Proc. Malac.
Soc., 6, 1905, (340).

Spirialis. Andrusov, N. Mater.
geol. Ross., St. Petersburg, 21, 1904,
(255-381, mit 7 Taf. u. 1 Karte).

Triptychia margaretae n. sp. **Andreae.**
A. Hildesheim, Mitt. Roemer-Mus., 20,
1904, (22).

Vaginella auchlandica n. sp. N.
Zealand. **Clarke, E.** Wellington,
Trans. N. Zeal. Inst., 37, 1905, (418
XXXII, fig. 5).

Valenciennesia roumaniensis n. sp.
Roumania. **Newton, R. B.** London,
Proc. Malac. Soc., 6, 1905, (342).

2231.95 PLEISTOCENE AND RECENT.

GENERAL.

Babor, J. F. Die Weichthiere des
böhmischen Pliocän und Holocän. Arch.
Natw. Ld. Durchf. Böhmen, Prag, 11,
Nr. 5, 1904, (1-79).

SPECIAL.

Caducifer n. sect. (of *Colubraria*, type
Triton truncatus Hinds). **Dall, W. H.**
Washington, D.C., Smithsonian Inst.,
Misc. Collect. Q., 47, 1904, (136).

Craspedotriton n. sect. (of *Bufonaria*,
subgen. of *Bursa*; type *Triton con-*
volutus Broderip). **Dall, W. H.** l.c.
(119).

Cyclotoma elegans, Vorkommen in
Deutschland seit der Diluvialzeit.
Mensel, H. Berlin, Jahrb. geol. Landes-
anst., 24, 1904, (381-390).

Eugyrina n. nom. (= *Gyrina* Schu-
macher, not *Gyrinus* Linné; type
Ranella gigantea Lamarck. **Dall, W. H.**
Washington, D.C., Smithsonian Inst.,
Misc. Collect. Q., 47, 1904, (132).

Helicina occulta. **Shimek, B.** Daven-
port, Iowa, Proc. Acad. Nat. Sci., 9,
1904, (173-180).

Maculotriton n. sect. (of *Colubraria*,
type *Triton bracteatus* Hinds). **Dall, W. H.**
Washington, D.C., Smithsonian Inst.,
Misc. Collect. Q., 47, 1904, (136).

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2231

Monostiolum n. sect. (of *Colubraria*,
type *Triton swifti* Tryon). **Dall, W. H.**
l.c. (136).

Paralagena n. nom. (= *Lagena* Mörch,
not Walker; subgen. of *Argobuccin-*
um; type *Ranella vezillum* Lamarck).
Dall, W. H. l.c. (132).

Phrygiomurex n. sect. (of *Colubraria*,
type *Triton sculptilis* Reeve). **Dall, W. H.**
l.c. (137).

Taeniola n. sect. (of *Colubraria*, type
Triton decollatus Sowerby). **Dall, W. H.**
l.c. (137).

Tritoniscus n. sect. (of *Cymatium*, type
Triton lotoisii Petit). **Dall, W. H.** l.c.
(134).

Tritonocauda n. sect. (of *Cymatium*,
type *Murex caudatus* Gmelin + *Triton*
canaliferus Lam.). **Dall, W. H.** l.c.
(133).

Turritriton n. sect. (of *Cymatium*,
type *Triton gibbosus* Broderip). **Dall,**
W. H. l.c. (133).

Valcata (*Cincinna*) nn. spp. **Han-**
nover. Mensel, H. Berlin, Jahrb. geol.
Landesanst., 24, (1903), 1904, (286-289,
Taf. XIV).

PELECYPODA.

2231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Jukes-Browne, A. J. . . . Genera
of the family *Mytilidae*. London, Proc.
Malac. Soc., 6, 1905, (211-224).

SPECIAL.

Anoplophera ephippium n. sp. **Bären-**
Insel. Böhm, J. Stockholm, Vet.-Ak.
Handl., 37, No. 3, 1903, (44-45, with
pl.).

Avicula nn. spp. **Bären-Insel. Böhm,**
J. l.c. (25-26, with pl.).

Aviculopecten tenuistriatus n. sp.
Bären-Insel. Böhm, J. l.c. (23, with
pl.).

Badiotella excellens n. sp. **Predazzo.**
Philipp, H. Berlin, Zs. D. geol. Ges.,
56, 1904, Aufsätze, (69-70, Taf. VI).

Bakewellia ursina n. sp. **Bären-Insel.**
Böhm, J. Stockholm, Vet.-Ak. Handl.,
37, No. 3, 1903, (34-35, with pl.).

Cardita lalemarensis n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (96-97, pl. VI).

Cassianella rosenbuschi n. sp. Predazzo. Philipp, H. l.c. (87-88, pl. V).

Cassianella tectiformis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (29, with pl.).

Cucullaea (Macrodon ?) cherianus n. sp. Bären-Insel. Böhm, J. l.c. (39-40, with pl.).

Daonella lovénii n. sp. Bären-Insel. Böhm, J. l.c. (33-34, with pl.).

Dimyodon patera n. sp. Bären-Insel. Böhm, J. l.c. (18, with pl.).

Eumorphotis nn. spp. Bären-Insel. Böhm, J. l.c. (27-29, with pl.).

Gervilleia nn. spp. Bären-Insel. Böhm, J. l.c. (35-37, with pl.).

Gonodon modestus n. sp. Bären-Insel. Böhm, J. l.c. (49, with pl.).

Gryphaea nn. spp. Bären-Insel. Böhm, J. l.c. (16-17, with pl.).

Homomya forbergii n. sp. Bären-Insel. Böhm, J. l.c. (49-50, with pl.).

Lima nn. spp. Bären-Insel. Böhm, J. l.c. (18-21, with pl.).

Macrodon nn. spp. Bären-Insel. Böhm, J. l.c. (39, with pl.).

Megalodon nn. spp. Bären-Insel. Böhm, J. l.c. (47-48, with pl.).

Myophoria nn. spp. Bären-Insel. Böhm, J. l.c. (41-43, with pl.).

Mysidioptera buchi n. sp. Bären-Insel. Böhm, J. l.c. (21, with pl.).

Nucula triangularis n. sp. Bären-Insel. Böhm, J. l.c. (41, with pl.).

Palaeoneilo nn. spp. Bären-Insel. Böhm, J. l.c. (40-41, with pl.).

Pecten nn. spp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (88-93, pl. VI).

——— (*Bittnerella*) *damesi* n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (22-23, with pl.).

Pholadomya franciscæ n. sp. Bären-Insel. Böhm, J. l.c. (50, with pl.).

Pinna nn. spp. Bären-Insel. Böhm, J. l.c. (38, with pl.).

Pleurophorus nn. spp. Bären-Insel. Böhm, J. l.c. (45-47, with pl.).

Posidonomya ? plana n. sp. Predazzo. Philipp, H. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (94-95, pl. V).

Pseudocucullaea. Schmidt, F. von. l.c. Protok., (120-121).

Pseudomonotis bittneri n. sp. Predazzo. Philipp, H. l.c. Aufsätze, (93-94, pl. VI).

Pseudomonotis (Eumicrotis) spitzbergensis n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., 37, No. 3, 1903, (27, with pl.).

Rhynchopterus perna n. sp. Bären-Insel. Böhm, J. l.c. (30, with pl.).

Trigonia margaritifera n. sp. Bären-Insel. Böhm, J. l.c. (43-44, with pl.).

2231.45 PALAEOZOIC.

Aviculipecten, typical species and generic characters. Girty, G. H. Amer. Geol., Minneapolis, Minn., 33, 1904, (291-296, with text fig.); 34, 1904, (332-333).

——— Hind, W. l.c. (200-201).

2231.50 LOWER PALAEOZOIC.

Actinopteria reticulata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (245, pl. XXII, fig. 3).

Arca (Palaearca) turnbulli n. sp. U.K. Reod, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Ctenodonta nn. spp. U.K. Reod, F. R. C. l.c. (494-495).

——— *jerseyensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (164, pl. XI, fig. 17).

Cyrtodonta cancellata n. sp. U.K. Reod, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (496).

Edmondia ? deckerensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (241-242, pl. XXII, figs. 6-7).

Modiolopsis nn. spp. U.K. Reod, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (498-500).

——— nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (170-171, pl. XI, figs. 8-9).

Mytilarca obliqua n. sp. Weller, S. l.c. (245, pl. XXII, fig. 8).

Orthodesma semiradiata n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (493).

Ptychopteria ? *subquadrata* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (193-194, pl. XIV, fig. 16).

Whitella inutilis n. sp. U.K. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (497).

———— *suborbicularis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (168, pl. XI, fig. 2).

2131.55 UPPER PALAEOZOIC.

Acanthopecten n. subgen. (of *Aviculopecten* (or *Lima* ?); type *Aviculopecten carboniferus* Stevens). Colorado. Girty, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. 16, 1903, (417).

Actinopteria sola n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Anthracosia ? *fritschi* n. sp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (47-48, Taf. V, fig. 2).

Avicula bodana. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (15).

Aviculopecten janischevsky n. sp. Russland. Tokarenko, L. l.c. (15-16).

Buchiolu nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Cardiomorpha obliquata n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Conocardium sp. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (17).

———— *gowandense* n. sp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454, with map, text fig. and pl.).

Elasmatium n. gen., *E. gowandense* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454, with map, text fig. and pl.).

Honeoyea n. gen., *H. erinacea*, *H. major*, *H. styliophila*, *H. simplex*, *H. desmata* nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Kochia ungula n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Leptodomus nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Loxopteria nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Lunulicardium nn. spp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Megalodon crassus. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (16-17).

Megambonia parva n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (333, pl. XLIII, fig. 12).

Myalina sp. Tokarenko, L. Kasan', Trd. Obsč. jest., 37, 2, 1903, (16).

Myophoria deltoidea. Tokarenko, L. l.c. (16).

Ontaria n. gen. (= *Cardiola* auct. aliq.; type *Ungulina suborbicularis* Hall), *O. pontiaca*, *O. accincta*, *O. affiliata*, *O. halli* nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Onychocardium n. gen., *O. portlandicum* n. sp. New York: Devonian. Whitfield, R. P. New York, N.Y., Bull. Amer. Mus. Nat. Hist., 21, 1905, (17-20); (18-20, pl. I, fig. 2).

Palaeonodonta nn. spp. Schmidt, A. N. Jahrb. Min., Stuttgart, 1905, 1, (52-56, Taf. V, figs. 6-10).

Palaeoneilo nn. spp. New York. Clarke, J. M. Albany Univ., N.Y., Mem. St. Mus., 6, 1904, (11. + [199]-454).

Paracardium delicatulum n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Paraptyx n. gen., *P. ontario* n. sp. New York. Clarke, J. M. l.c. (11. + [199]-454).

Posidonia marcellensis n. sp., *P. venusta* Münster var. *nitidula* n. var. New York. Clarke, J. M. l.c. (11. + [199]-454).

Præcardium nn. spp. New York. **Clarke, J. M.** *l.c.* (11. + [199]-454).

Pterochaenia n. gen., *P. fragilis* Hall var. *orbicularis* n. var., *P. sinuosa*, *P. perissa*, *P. elmensis*, *P. cashaqua*, *P. uchtensis* nn. spp. New York. **Clarke, J. M.** *l.c.* (11. + [199]-454).

Rhombopteria clathratus n. sp. **Weller, S.** New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16-18).

2231.60 MESOZOIC.

Anopara nn. spp. Niederländisch-Indien. **Boehm, G.** Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg 1, (19-20, Taf. I).

Mytilus diepenheimi n. sp. Niederländisch-Indien. **Boehm, G.** *l.c.* (20, Taf. I).

Nucula taliabutica n. sp. Niederländisch-Indien. **Boehm, G.** *l.c.* (21, Taf. I).

2231.65 TRIASSIC.

Cassianella ecki n. sp. Deutschland. **Böhm, J.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (95-96).

Gervillia spinosa n. sp. **Linstow, O.** von. *l.c.* Aufsätze, (102-103, with figs).

Mytilus eduliformis sp. **Benecke, E. W.** Centralbl. Min., Stuttgart, **1905**, (705-714).

Pinna ecki n. sp. **Picard, E.** Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333-336).

2231.70 JURASSIC.

Alectryonia. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (134-135, Taf. XV, figs. 7, 21).

———— *hastellata*. Asia Minor. **Krumbeck, L.** *l.c.* **18**, 1905, (107-108, Taf. IV).

Anatina. Asia Minor. **Krumbeck, L.** *l.c.* (123-124, Taf. VI).

Anomia. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Askarte. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (115-116, Taf. V).

———— nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), **H. 6**, 1905, (217, 223).

Aucella. **Vetters, H.** Wien, Beitr. Geol. Pal. OstUng., **17**, 1905, (249-250).

Avicula mulatae n. sp. Somaliland. **Dacqué, E.** *l.c.* (131-132, Taf. XV).

Cardium spp. Asia Minor. **Krumbeck, L.** *l.c.* **18**, 1905, (119-121, Taf. V).

Ceromya augusticostata n. sp. Asia Minor. **Krumbeck, L.** *l.c.* (121-122, Taf. VI).

———— *excentrica*. Somaliland. **Dacqué, E.** *l.c.* **17**, 1905, (139-140).

Corbis strambergensis. **Vetters, H.** *l.c.* (247).

Ctenostreon. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

Cucullaea. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (114).

Diceras im südlichen Hannover. **Menzel, H.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (10-14).

Exogyra bruntrutana. Somaliland. **Dacqué, E.** Wien, Beitr. Pal. Geol. OstUng., **17**, 1905, (135-136, Taf. XV, fig. 18).

Gervilleia? ferruginea n. sp. Deutsch-Lothringen und Luxemburg. **Benecke, E. W.** Abh. geol. Spezialkarte Els. Lothr., Strassburg, (N.F.), **H. 6**, 1905, (142).

Isocardia eljasensis n. sp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (117-118, Taf. V).

Leda medusa n. sp. Russland. **Borisiak, A. A.** St. Peterburg, Mém. Com. géolog., (N. Sér.), **11**, 1904, (1-28); rés. allem. (29-40, avec 3 pl.).

Lima. Mähren. **Rzehak, A.** Brünn, Zs. Mähr. LdMus., **4**, 1904, (89-154, mit 1 Taf.).

———— nn. spp. Asia Minor. **Krumbeck, L.** Wien, Beitr. Pal. Geol. OstUng., **18**, 1905, (97-101, Taf. III).

Lima. (*Plagiostoma*) *ferruginea* n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (122).

—— *harronis* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (133–134, Taf. XV, figs. 13, 14).

Limaea. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Lithodomus nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (112–113, Taf. IV).

Macrodon rufae n. sp. Somaliland. **Dacqué**, E. l.c. 17, 1905, (137–138, Taf. XV, figs. 4–6).

Modiola. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

—— *amphitrite* n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (110–111, Taf. IV).

—— *koehi* n. form. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (167).

—— *subangustissima* n. sp. Somaliland. **Dacqué**, E. Wien, Beitr. Pal. Geol. OstUng., 17, 1905, (136–137, Taf. XV, fig. 8).

Myophoria. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (114).

Mytilus alatus n. sp. Asia Minor. **Krumbeck**, L. l.c. 18, 1905, (108–109, Taf. IV).

—— *subpectinatus*. Somaliland. **Dacqué**, E. l.c. 17, 1905, (136, Taf. XV, fig. 27).

Nucula nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog., (N. sér.), 11, 1904, (1–28 + rés. allem. 29–49, avec 3 pls.).

—— spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (113–114).

Ostrea nn. spp. Asia Minor. **Krumbeck**, L. l.c. (105–107, Taf. V).

—— *bristovi* n. sp. (ex Etheridge MS.) U.K. **Richardson**, L. London, Q. J. Geol. Soc., 61, 1905, (422).

Ozytoma. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Pachyerisma blanchenhorni n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (116–117, Taf. V).

Palaeoneilo nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1–28 + rés. allem. 29–49, avec 3 pls.).

Pecten nn. spp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (102–105, Taf. III and IV).

—— **Vetters**, H. l.c. 17, 1905, (250–252).

—— *erlangeri* n. sp. Somaliland. **Dacqué**, E. l.c. (132–133, Taf. XV, figs. 12–20).

—— *pseudopriacus* n. sp. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Phaenodesmia nn. spp. Russland. **Borisiak**, A. A. St. Petersburg, Mém. Com. géolog. (N. sér.), 11, 1904, (1–28); rés. allem. (29–70, avec 3 pl.).

Pholadomya. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (123, Taf. VI).

—— Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

—— *protei*. Somaliland. **Dacqué**, E. Wien, Beitr. Geol. Pal. OstUng., 17, 1905, (140–141, Taf. XV, figs. 1–3).

Pinna. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89–154, mit 1 Taf.).

Plagiostoma. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pleuromya. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pleurotomaria. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Plicatula. Mähren. **Rzehak**, A. l.c. (89–154, mit 1 Taf.).

Pronoella nn. spp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. 6, 1905, (236, 245).

Tancredia incurva n. sp. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. l.c. (251).

Trichites suprajurensis n. sp. Asia Minor. **Krumbeck**, L. Wien, Beitr. Pal. Geol. ÖstUng., **18**, 1905, (96-97, Taf. III).

Trigonia nn. formm. Deutsch-Lothringen und Luxemburg. **Benecke**, E. W. Abh. Geol. Spezialkarte Els.-Lothr., Strassburg, (N.F.), H. **6**, 1905, (189-191).

———— *arca-furcata* n. sp. Oesterreich. **Vetters**, H. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1905, (248-249, Taf. XXII).

———— *libanensis* n. sp. Asia Minor. **Krumbeck**, L. l.c. **18**, 1905, (114-115, Taf. II.).

Unicardium subglobosum n. sp. Asia Minor. **Krumbeck**, L. l.c. (118-119, Taf. V).

2231.75 CRETACEOUS.

Arca geinitzi Reuss. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (133-134).

———— *madridensis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Aucella strongi n. sp. New Mexico. **Johnson**, D. W. l.c. (173-246, with pl.).

Avicula pectinoides Reuss. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (127).

Cardium. **Favre**, I. l.c. (135-137).

Corbula nematophora var. *fitchi* n. var. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cucullia gabrielis. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15, Taf. II, fig. 12).

Cyprimeria ? *sulcata* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Cyprina. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (16-17, Taf. II, fig. 9).

Cyrena nn. spp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (10-11, pls. I-II, figs. 4, 9).

Desertella n. gen., *D. fourcaui* n. sp. **Haug**, E. Paris, C.-R. Acad. Sci., **138**, 1904, (1529-1531).

Endocostea brooksi n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Erogyra couloni. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (14, Taf. II, fig. 6-8).

———— *lateralis* Nils. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (110-111, Taf. II).

Gerrillia subanceolata (d'Orb.,—*Avicula*, 1850). **Woods**, H. London, Monogr. Palaeont. Soc., **59**, 1905, (74).

———— *trigona* n. sp. Rikuzen. **Yokoyama**, M. Tokyo, J. Coll. sci., **18**, Art. 6, 1904, (12, pl. II, fig. 7-8).

Granocardium productum Sow. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (134-135).

Gryphea vesicularis Lam. **Favre**, I. l.c. (109-110, Taf. I).

Inoceramus. **Favre**, I. l.c. (128-131, Tafa. I-III).

———— nn.spp. Böhmen. **Flegel**, K. Breslau, Jahresber. Ges. vaterl. Cultur, **82**, (1904), 1905, natw. Sect., (114-144).

———— *irregularis* n. sp. New Mexico. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173-246, with pl.).

Janira quinquecostata Sow. **Favre**, I. Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (121).

Leda producta Nils. **Favre**, I. l.c. (132-133).

Lima. **Favre**, I. l.c. (122-125, Taf. I).

———— *costicillata* n. sp. Böhmen. **Petrascheck**, W. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (433-434, Taf. X, figs. 10-12).

Ostrea. **Dacqué**, E. Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (13-14, Taf. II, fig. 4).

———— **Favre**, I. Charikov. Trd. Obsč. ispyt. prir., **38**, 2, (111-115, Taf. II.).

Ostrea anomimides var. *nana* n. var. New Mexico. **Johnson, D. W.** Sch. Mines Q., New York, N.Y., **24**, 1903, 173-246, with pl.

Pecten. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 115-121, Taf. 1-11).

———— *kalkovskiji* n. sp., Böhmen. **Petrascheck, W.** Wien, Jahrb. Geol. RelisAnst., **55**, 1905, 431-432, Taf. X, figs. 1-4.

Perna lanceolata Geinitz. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 128).

———— *rikuzenica* n. sp. Rikuzen. **Yokoyama, M.** Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, 13, pl. I, fig. 1.

Pholadomya pieteti. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (17, Taf. II, figs. 10-11).

Placmopsis iskodouboukiana. **Dacqué, E.** Lc. (13).

Pteria nn. spp. U. K., *P. (Oxytoma) cornucliana* (d'Orb.,—*Aricula*, 1846); *P. (Oxytoma) pectinata* (Sow.,—*Aricula*, 1836); *P. (Oxytoma) dubia* (Eth.,—*Aricula*, 1881); *P. (Oxytoma) tenuicostata* (Rom.,—*Aricula*, 1841); *P. (Pseudoptera) subdepressa* (d'Orb.,—*Aricula*, 1850); *P. (Pseudoptera) caruleacens* (Nilss.,—*Aricula*, 1827). **Woods, H.** London, Monogr. Palaeont. Soc., **59**, 1905, 57-67).

Spondylus spinosus Deshayes. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, 126-127, Taf. I.

Trigonia pieteti. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (15-16, Taf. II, figs. 1-2).

———— *costata* Lycett. Rikuzen. **Yokoyama, M.** Tokyo, J. Coll. Sci., **18**, Art. 6, 1904, (8-9, pl. II, figs. 2-4).

———— *hokurensis*. Rikuzen. **Yokoyama, M.** Lc. (11, pl. I, fig. 3).

Venus. **Favre, I.** Charikov, Trd. Obsč. ispyt. prir., **38**, 2, 1903, (137-139).

Nola neumanni n. sp. **Dacqué, E.** Wien, Beitr. Pal. Geol. ÖstUng., **17**, 1904, (12-13, Taf. III, fig. 1).

2231.80 CAENOZOIC.

Williamson, Mrs. M. Burton. Review of the classification of the Cyrenacea. William H. Dall. Nautilus, Boston, Mass., **17**, 1903, (47-48).

2231.85 LOWER CAENOZOIC (Eocene, Oligocene)

Anisocardia mayeri n. sp. Aegypten. **Oppenheim, P.** Palaeontographica Stuttgart, **30**, 1903, Abt. 3, (164).

Area nn. spp. Aegypten. **Oppenheim, P.** Lc. (86-92).

———— *blanfordi* n. sp. **Newton, R. B.** Geol. Mag., London, (Ser. 2), **2**, 1905, (298).

Cardita nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (99-111).

Cardium (Loxocardium) desertorum n. sp. Aegypten. **Oppenheim, P.** Lc. (156-157).

———— *mcNeilli* n. sp. **Newton, R. B.** Geol. Mag., London, (Ser. 2), **2**, 1905, (299).

Chama nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (118-119).

———— *monroensis* n. sp. Alabama. **Aldrich, T. H.** Nautilus, Philadelphia, Pa., **16**, 1903, 97-101).

Crassatella nn. spp. Aegypten. **Oppenheim, P.** Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (112-116).

Cucullaea dimchensis n. sp. Aegypten. **Oppenheim, P.** Lc. (85).

Cyprina acyprina n. sp. Aegypten. **Oppenheim, P.** Lc. (161-162).

Cyrena (Corbicula) blanchenhorni sp. Aegypten. **Oppenheim, P.** Lc. (160).

Gryphaca gregoryi n. sp. **Newton, R. B.** London, Q. J. Geol. Soc., **6**, 1905, 167).

———— *pharaonum* n. sp. Aegypten. **Oppenheim, P.** Palaeontographica Stuttgart, **30**, 1903, Abt. 3, (13).

Isocardia ? rorae n. sp. Aegypten. **Oppenheim, P.** Lc. (162-163).

Lima nn. spp. Aegypten. **Oppenheim, P.** Lc. (57-59).

Limopsis thebaica n. sp. Aegypten. **Oppenheim**, P. Lc. (95).

Lithodomus nn. spp. Aegypten. **Oppenheim**, P. Lc. (78-80).

Lucina nn. spp. Aegypten. **Oppenheim**, P. Lc. (170-171, pl. XI, figs. 8-9).

Maetra mekranensis n. sp. **Newton**, R. B. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (298).

Modiolaria fraasi n. sp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (80-81).

Mytilus nn. spp. Aegypten. **Oppenheim**, P. Lc. (77-78).

Nucula moeridis n. sp. Aegypten. **Oppenheim**, P. Lc. (82-83).

Ostrea nn. spp. Aegypten. **Oppenheim**, P. Lc. (16-45).

Panopaea sahariensis n. sp. Sahara. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (88).

Pecten nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (52-55).

————— (*Pseudamusium*) *subminutus* n. sp. Mississippi. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (79-101).

Pectunculus nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (94-95).

Plicatula nn. spp. Aegypten. **Oppenheim**, P. Lc. (61-62).

Spondylus nn. spp. Aegypten. **Oppenheim**, P. Lc. (66-67).

————— *somaliensis* n. sp. **Newton**, R. B. London, Q. J. Geol. Soc., 61, 1905, (169).

Tellina krausei M'Coy = *Semele krauseana* Tate. **Chapman**, F. Vict. Nat., Melbourne, 21, 1905, (180).

Verticordia nn. spp. Mississippi and Alabama. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., 16, 1903, (97-101, with pl.).

Vulsella nn. spp. Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, 30, 1903, Abt. 3, (70-76).

Vulsella nigeriensis n. sp. Nigeria. **Newton**, R. B. Ann. Mag. Nat. Hist., London, (Ser. 7), 15, 1905, (85).

2231.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Amussium papakurense n. sp. New Zealand. **Clarke**, E. Wellington, Trans. N. Zeal. Inst., 37, 1905, (118, pl. XXXII, fig. 4).

Cardita. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cardium. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

————— Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Congeria. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Corbula. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Cryptodon. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Cryptomaetra. **Andrusov**, N. Lc. (255-381, mit 7 Taf. u. 1 Karte).

Cytherea. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Dreissensia. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Ercilia. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

Leda prendeli n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Petersburg, 21, 1904, (255-381, mit 7 Taf. u. 1 Karte).

Pecten. Galizien. **Friedberg**, W. S. v. Wien, SitzBer. Ak. Wiss., 114, 1905, Abth. I, (275-327, mit 1 Taf.).

————— *aduncus* Eichw.? *P. cristatus* Bronn; *P. cristatus* var. *mediterraneus* n. var.; *P. felderi* Karrer; *P.*

cf. sarmenticius Goldf.; *P. sp.* Gaál, I. Foldt. Közl., Budapest, **35**, 1905, (301, 306-307).

Pecten hilli n. sp. N. Zealand. Hutton, F. W. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (473).

——— *latissimus* Broce. observations géologiques nouvelles faites en Galicie et Pologne. Zuber, R. (Polish) Kosmos, Lwów, **29**, 1904, (419-420).

Pseudamussium (Pecten) huttoni n. sp. N. Zealand. Park, J. Wellington, Trans. N. Zeal. Inst., **37**, 1905, (485).

Venus. Galizien. Friedberg, W. S. v. Wien, Sitzber. Ak. Wiss., **114**, 1905, Abth. I, (275-327, mit 1 Taf.).

2231.95 *PLEISTOCENE AND RECENT.*

Crassatellites brasiliensis n. sp. Dall, W. H. Nautilus, Philadelphia, Pa., **16**, 1903, (101-102).

Tellina (Macoma). Jensen, A. S. (Danish) Kjöbenhavn, Nath. Medd., **1905**, (21-51, with 1 pl., 149-152).

AMPHINEURA.

2231.85 *LOWER CAENOZOIC.*

Cryptoplax nn. spp. Victoria. Hall, T. S. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1905, (391-392).

SCAPHOPODA.

Dentalium boreale n. sp. Bären-Insel. Böhm, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53-54, with pl.).

——— *huttoni* n. sp. N. Zealand. Bather, F. A. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (540).

2231.65 *TRIASSIC.*

Dentalium cyrtoceroideis n. sp. Read, A. Centralbl. Min., Stuttgart, **1905**, (176).

2231.75 *CRETACEOUS.*

Dentalium medium. Sow. Favre, I. Charikov. Trd. Obsc. ispyt. prir., **38**, 2, 1903, (144).

2431 *ARTHROPODA INCLUDING INSECTA.*

2431.55 *UPPER PALAEOZOIC.*

Etioblattina steinmanni n. sp. Deutschland. Stenzel, [J. T.], Chemnitz, Ber. natw. Ges., **15**, (1899-1903), 1904, (LXIX-LXXII).

——— *pygmaea* n. sp. Preussen. Meunier, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (454-457, mit 1 Taf.).

Homoioptera gigantea n. sp. Agnus, A. Paris, Bul. Soc. ent., **1902**, (259-261, av. fig.).

2431.65 *TRIASSIC.*

Glaphyroptera lotharingica n. sp. Lorraine. Fliche, P. Nancy, Bull. Soc. Sci., (sér. 3), **4**, 1903, (116-119).

2431.70 *JURASSIC.*

Ammonella n. gen., *A. quadrata* n. sp. Germany. Walther, J. Jens, Denkschr. med. Ges., **11**, 1904, (163).

Campterothlebia n. gen., *C. elegans* n. sp. Braunschweig. Bode, A. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (226-229, Taf. VII).

Elcana geinitzi Heer, var. *aversa* n. var. Braunschweig. Bode, A. l.c. (222-223, Taf. VI).

Gryllacris nn. spp. Braunschweig. Bode, A. l.c. (223-226, Taf. VI).

Heterophlebia nn. spp. Braunschweig. Bode, A. l.c. (229-236, Taf. VII).

Kalligramma n. gen., *K. haeckeli* n. sp. Germany. Walther, J. Jens, Denkschr. med. Ges., **11**, 1904, (184-189).

Orthophlebia (Phryganidium) nn. spp. Braunschweig. Bode, A. Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (242-244, Taf. VI).

Phryganidium nn. spp. Braunschweig. Bode, A. l.c. (241-242, 244-245, Taf. VI).

2431.85 *LOWER CAENOZOIC (EOCENE, OLIGOCENE).*

Diplonema crassicornis n. sp. Ambre de la Baltique; *D. longicornis* Loew. (Meun.), description. Meunier, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **3**, 1905, (251-252).

Dorcaschema succineum n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Eatonisca tertiaria n. sp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (253-254).

Nothorrhina granulicollis n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf., Freunde, 1905, (232-245).

Palaeoascia uniappendiculata n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

Palaeosphegina elegantula n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Pericoma nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (243-245).

Phlebotomus tipuliformis n. sp. Ambre de la Baltique. **Meunier**, F. l.c. (254).

Plecia borussica n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (391-404).

Pogonochaerus jakeli n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Psychoda eocenica n. sp. Ambre de la Baltique; *P. oxyptera* Loew. (Meun.), description. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (245-246).

Rhyphus nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (391-404).

Scatopse nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Simulia nn. spp. Bernstein. **Meunier**, F. l.c. (391-404).

Spheginascia biappendiculata n. sp. Deutschland. **Meunier**, F. l.c. (201-210).

Strangalia berendtiana n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (232-245).

Sycoraz nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (252-253).

Syrphus curtipetiolatus n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

Trichomyia nn. spp. Ambre de la Baltique. **Meunier**, F. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, 3, 1905, (246-251).

Xylota pulchra n. sp. Deutschland. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., 24, 1904, (201-210).

2431.95 PLEISTOCENE AND RECENT.

Aphodius succini n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (197-205, 222).

Carabus, degré d'évolution à l'époque du pléistocène moyen. **Lapouge**, G. de. Rennes, Bul. soc. sci. méd., 11, 1902, (548-564).

Gyrinus sculpturatus n. sp. Schweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., 27, 1905, (233-236, with pl.).

Olophrum interglaciale n. sp. **Mjöberg**, E. l.c. 26, 1904, (493-497, with pl.).

Platycerus berendti n. sp. **Zang**, R. Berlin, SitzBer. Ges. natf. Freunde, 1905, (197-205, 222).

2631 CRUSTACEA.

2631.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Beyrichia argentina n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., 57, 1905, Aufsätze, (250, pl. XI).

2631.50 LOWER PALAEOZOIC.

Aparchites ? nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (45-46, with pl.).

Beyrichia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (253-267, pl. XXIII).

Beyrichona nn. spp. **Wiman**, C. Upsala, Bull. Geol. Inst., 6, 1902-1903, [1905], (46-47, with pl.).

Bradoria nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (99-102).

Crustacea.

Bradorona nitida n. sp. Wiman, C. Upsala, Bull. Geol. Inst., **8**, 1902-1903, [1905], (48, with pl.).

Bythocypris nearpassi n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (257, pl. XXIII).

Eurychilina nn. spp. Weller, S. l.c. (210, pl. XIII).

Hipponicharion matthewi n. sp. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (49, with pl.).

Indiana? minima n. sp. Wiman, C. l.c. [1905], (48-49, with pl.).

Leperditella ornata n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (209, pl. XIII).

Leperditia nn. spp. Weller, S. l.c. (208, 252-265, pls. XII, XXII).

Sellula fallax n. sp. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-1903, [1905], (48, with pl.).

2631.55 UPPER PALAEOZOIC.

GENERAL.

Jones, T. Rupert. Some Paleozoic Ostracods from Maryland. Baltimore, Md., Johns Hopkins Univ. Cir. (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

SPECIAL.

Anthrapalaemon serratus n. sp. U.K. Woodward, H. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (438).

Cyclus johnsoni from the Coal Measures near Dudley. Woodward, H. l.c. (490-492, with figs.).

Primitia frosburgensis n. sp. Maryland, Permian. Jones, T. R. Baltimore, Md., Johns Hopkins Univ. Cir., (N. Ser.), No. **3**, 1905, (30-33, with text fig.).

2631.65 TRIASSIC.

Estheriella radiata (Salinas) var. *multilineata* n. var. Jones, T. R. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (51).

2631.70 JURASSIC.

Eryon. Peiser, G. Beitrag zur Kenntniss . . . der Gattung. . . . Diss. Erlangen, 1904, (58, mit 1 Taf.).

2631.75 CRETACEOUS.

Calianassa unceifer n. sp. Harbort, E. Berlin, Jahrb. geol. Landesanst. **26**, 1905, (26-42, mit 1 Taf.).

2631.80 CAENOZOIC.

GENERAL.

Lienenklaus, E. Die Ostrakoden des Mainzer Tertiärbeckens. Frankfurt a. M., Ber. Senckenb. Geo., **1905**, Tl. **2**, (3-74, mit 4 Taf.).

SPECIAL.

Bairdia tenuis n. sp. Lienenklaus, E. Frankfurt a. M., Ber. Senckenb. Ges., **1905**, Tl. **2**, (30, Taf. II).

Candona nn. spp. Lienenklaus, E. l.c. (21-24, Taf. 7).

Cuneocythere punctulata n. sp. Lienenklaus, E. l.c. (48-49, Taf. IV).

Cyclocypris similis n. sp. Lienenklaus, E. l.c. (18-19, Taf. I).

Cypria curvata n. sp. Lienenklaus, E. l.c. (19-20, Taf. I).

Cypridopsis kinkelini n. sp. Lienenklaus, E. l.c. (27, Taf. II).

Cypria nn. spp. Lienenklaus, E. l.c. (24-27, Taf. I and II).

Cythereis ramosa n. sp. Lienenklaus, E. l.c. (32-33, Taf. III).

Cytheridea nn. sp. Lienenklaus, E. l.c. (39-47, Taf. III-IV).

Cytheropteron punctulatum n. sp. Lienenklaus, E. l.c. (56-57, Taf. IV).

Cytherura sulcata n. sp. Lienenklaus, E. l.c. (55, Taf. IV).

Eucytherura dentata n. sp. Lienenklaus, E. l.c. (57, Taf. IV).

Iliocypris nn. spp. Lienenklaus, E. l.c. (28-29, Taf. II-III).

Limnocythere zinndorfi n. sp. Lienenklaus, E. l.c. (58, Taf. IV).

Loroconcha nn. spp. Lienenklaus, E. l.c. (52-53, Taf. IV).

Pontocypris nn. spp. Lienenklaus, E. l.c. (16-17, Taf. I).

Xestoleberis rhenana n. sp. Lienenklaus, E. l.c. (53-54, Taf. IV).

2631.85 LOWER CAENOZOIC
(EOCENE, OLIGOCENE).

Neptunus arabicus n. sp. **Woodward**, H. Geol. Mag., London, (ser. 2), [5], 2, 1905, (307).

Ommatocarcinus corioensis, description. **Hall**, T. S. Melbourne, Proc. R. Soc. Vict., (N. Ser.), 17, 1905, (356-360, with 1 pl.).

2631.90 UPPER CAENOZOIC
PLEISTOCENE AND RECENT.

GENERAL.

Cushman, J. A. Miocene barnacles from Gay Head, Mass., with notes on *Balanus proteus* Conrad. Amer. Geol. Minneapolis, Minn., 34, 1904, ([293]-296, with text fig.).

Łomnicki, J. L. M. Compte rendu des recherches entreprises sur l'extension de l'houille brune dans certains endroits de Pokucie en Galicie. (Polish) Kosmos, Lwów, 29, 1904, (374-391).

Sieber, Fossile Süßwasser-Ostrakoden aus Württemberg. Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (321-346, mit 2 Taf.).

SPECIAL.

Cushman, J. A. *Balanus proteus* from Massachusetts. Amer. Geol., Minneapolis, Minn., 34, 1904, ([293]-296, with text fig.).

Candona steinheimensis n. sp. Württemberg. **Sieber**, Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (327-329, Taf. VIII).

Candonopsis arida n. sp. Württemberg. **Sieber**, l.c. (332-333, Taf. VIII).

Cyclocypris nitida n. sp. Württemberg. **Sieber**, l.c. (333-334).

Cypria suborbicularis n. sp. Württemberg. **Sieber**, l.c. (334-335, Taf. VIII).

Cypridopsis gracilis n. sp. Württemberg. **Sieber**, l.c. (339-340, Taf. IX).

Cypria nn. spp. Württemberg. **Sieber**, l.c. (335-338, Taf. VIII and IX).

Iliocypris binocularis n. sp. Württemberg. **Sieber**, l.c. (341-342, Taf. IX).

Limnocythere esphigmene n. sp. Württemberg. **Sieber**, l.c. (343-345, Taf. IX).

2631.95 PLEISTOCENE AND RECENT.

Sieber, Fossile Süßwasser-Ostrakoden aus Württemberg. Stuttgart, Jahreshfte Ver. Natk., 61, 1905, (321-346, mit 2 Taf.).

2831 XIPHOSURA, EURIPTERIDA, TRILOBITA.

Nileus. **Schmidt**, Fr. St. Petersburg, Mém. Ac. Sc., (Sér. 8), 14, 1904, (63-68).

2831.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Agnus, *Palaeoblattina douvillei*, considérée d'abord comme un insecte, est une pointe génale de trilobite. Paris, C.-R. Acad. sci., 138, 1904, (398).

Moberg, J. C. Contributions to a knowledge of the structure of the Trilobites. (Swedish) Stockholm, Geol. Förh., 24, 1902, (295-302, pl. 3).

Perner, J. Ueber das Sehorgan am Hypostomum der Trilobiten. (Čechisch) Vesmír, Prag, 33, 1904, (64-65).

Reed, F. R. C. The classification of the *Phacopidae*. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (172-178; 224-228).

SPECIAL.

Homalonotus kayseri n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., 57, 1905, Aufsätze, (245-246, Taf. IX).

Phacops argentinus n. sp. Argentinien. **Thomas**, I. l.c. (246-247, Taf. XI).

2831.50 LOWER PALAEOZOIC.

GENERAL.

Grönwall, K. A. On the Scandinavian *Paradoxides*-beds. (Swedish) Stock-

holm, Geol. För. Förh., 24, 1902, (309-345, with pl.).

Woodward, Henry. On a collection of Trilobites from the Upper Cambrian of Shantung, North China. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (211-215; 251-255, with pl. and figs.).

SPECIAL.

Acidaspis (*Ceratocephala*) nn. spp. Reed, F. R. C. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (99).

Agnostus kusanensis n. sp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (22).

Agraulos nn. spp. China, Cambrian. Walcott, C. D. l.c. (42-47).

Ampyz brevicauda n. sp. Wiman, C. Ark. Zool., Stockholm, 2, No. 11, 1905, (12, with pl.).

Anomocare nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (47-54).

— *parvula* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (120, pl. III).

Anomocarella n. gen., type *A. chinensis* n. sp., *A. albion*, *A. baucis*, *A. ? bura*, *A. carme*, *A. chinensis* nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (54-58).

Apatocephalus pecten n. sp. Wiman, C. Ark. Zool., Stockholm, 2, No. 11, 1905, (6-7, with pl.).

Arges tuberculatus n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (199, pl. XV).

Arionellus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (58-59).

— *balticus* n. sp. Baltic Region. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902-3, [1905], (44, with pl.).

Boeckia mobergi n. sp. Wiman, C. l.c. (83-82).

Bumastus nn. spp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (195, pl. XIV).

Crepicephalus damia n. sp. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (92-93).

Cyphaspis trentonensis n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (197, XV).

Dalmanites aspinosa n. sp. Weller, S. l.c. (252, pl. XXII).

Damsella n. gen., type *D. blackderi* n. sp., *D. bellagranulata*, *brevicaudata*, *D. chione* nn. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (34-42).

Dikelocephalus nn. spp. Cambrian. Walcott, C. D. l.c. (92).

— *newtonensis* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (121, III).

Dolichometopus nn. spp. Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (94-96).

Dorypyge bispinosa n. sp. Cambrian. Walcott, C. D. l.c. (28).

Dorypygella n. gen., type *D. typica* n. sp., *D. alastor*, *D. alcon* nn. China, Cambrian. Walcott, C. D. (23-34).

Ellipsocephalus latus n. sp. Wiman, C. Upsala, Bull. Geol. Inst., 6, 1902 [1905], (44-45, with pl.).

Illacnurus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (96-98).

— *columbiana* n. sp. Weller, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., 3, 1903, (133 V).

Megalaspides nericiensis n. Wiman, C. Ark. Zool., Stockholm No. 11, 1905, (8-10, with pl.).

Menocephalus nn. spp. China, Cambrian. Walcott, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., 29, 1905, (59-63).

Microdiscus orientalis n. sp. Cambrian. Walcott, C. D. l.c. (24).

Nileus armadillo Dalm. **Wiman**, C. Stockholm, Geol. För. Förh., **26**, 1904, (87-90, with pl.).

——— *vigilans*. **Finch**, G. E. Found at Elgin, Iowa. Des Moines, Proc. Iowa Acad. Sci., **11** (1903), 1904, (179-181, with pl.).

Ogygia. **Schmidt**, Fr. St. Petersburg. Mém. Ac. Sc., (sér. 8), **14**, 1904, (57-63).

Olenoides? cilix n. sp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (27).

Pagodia n. gen., type *P. lotos*, *P. bia*, *P. dolon*, *P. lotos*, *P. macedo* nn. spp. China, Cambrian. **Walcott**, C. D. l.c. (63-67).

Paradoxides jemtlandicus n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-02, [1905], (79-80, with pl.).

Proetus nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (195-197, 249-250, pls. XIV, XV, XXII).

Pseudasaphus n. subgen. (*Ptychopyge*). **Schmidt**, Fr. St. Petersburg, Mém. Ac. Sc., (Sér. 8), **14**, No. 10, 1904, (4-6, 11-12).

Pterocephalus nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (67-68).

Pterygotus osiliensis, chitin in the carapace. **Rosenheim**, O. London, Proc. R. Soc., **B 76**, 1905, (398-400).

Ptychaspis nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (69-74).

Ptychoparia nn. spp. **Weller**, S. New Jersey Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (116, 117, pls. I, III).

——— nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (75-86).

Ptychopyge nn. spp. Ostbalt. Gebiet. **Schmidt**, Fr. St. Petersburg, Mém. Ac. Sc., (Sér. 8), **14**, No. 10, 1904, (23-57).

——— *jerseyensis* n. sp. **Weller**, S. New Jersey Geol. Surv., Trenton, (K-11720)

N.J., Rep. Paleont., **3**, 1903, (193, pl. XIV).

Redlichia nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (25-26).

Robergia n. gen. for *Remopleurides microphthalmus* Lns. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (77-79).

Schmalensecia n. gen., *S. ambionura* n. sp. **Moberg**, J. C. Stockholm, Geol. För. Förh., **25**, 1903, (93-102, pl. 4).

Shangtungia n. gen., type *S. spinifera* n. sp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (87-88).

Shumardia bottnica n. sp. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (65, with pl.).

——— *nericiensis* n. sp. **Wiman**, C. Ark. Zool., Stockholm, **2**, No. 11, 1905, (14-15, with pl.).

Solenopleura nn. spp. China, Cambrian. **Walcott**, C. D. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **29**, 1905, (88-91).

Stylonurus simonsoni n. sp. **Schmidt**, Fr. St. Petersburg, Bull. Ac. Sc., (sér. 5), **20**, 1904, (99-105, mit 1 Taf.).

Triarthrus jemtlandicus Lns. **Wiman**, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (77-79).

2831.55 UPPER PALAEOZOIC.

GENERAL.

Woodward, H. Trilobites from the Devonian of Cant Hill, St. Minver, Cornwall. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (151-154, with pl.).

SPECIAL.

Dalmanites drevermanni n. sp. Argentinien. **Thomas**, I. Berlin, Zs. D. geol. Ges., **57**, 1905, Aufsätze, (247-249, Taf. XI).

Phacops. **Tokärenko**, I. L. Kazan, Trd. Obsč. jest., **37**, 2, 1903, (36-37).

3431 MYRIOPODA.

3431.55 UPPER PALAEOZOIC.

Xylobius moniliformis n. sp. U.K. Woodward, H. Geol. Mag., London, (Ser. 2), [5], 2, 1905, (442).

5231 VERTEBRATA.

5231.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Jaekel, O. Ueber die primäre Gliederung des Unterkiefera. Berlin, Sitzber. natf. Freunde, 1905, (134-147).

Matthew, W. D. The collection of fossil vertebrates. A guide leaflet [No. 12] to the exhibition halls of vertebrate palaeontology in the American Museum of natural history. Amer. Mus. J., New York, N.Y., 3, (Supplement), 1903, (32, with illus.).

5431 PISCES.

Otolithus nn. spp. Ungarn. Schubert, R. J. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (613-638, mit 2 Taf.).

Otolithus nn. spp. Ungarn. Schubert, R. J. l.c. (613-638, mit 2 Taf.).

5431.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Eastman, C. R. Jordan on fossil Labroid and Chaetodont fishes. Science, New York, N.Y., (N. Ser.), 20, 1904, (244-245).

5431.50 LOWER PALAEOZOIC.

Cephalaspis, scales. Eastman, C. R. Science, New York, N.Y., (N. Ser.), 19, 1904, (703-704).

5431.55 UPPER PALAEOZOIC.

GENERAL.

Dean, B. [Review of] The lower Devonian fishes of Gemünden, by R. H. Traquair. Science, New York, N.Y., (N. Ser.), 19, 1901, (64-65).

Eastman, C. R. Devonian fish of Iowa. [Abstract.] Rochester Bull. Geol. Soc. Amer., 12, 1903, (

———— Marginal and ridge in *Cephalaspis* and *Drepanaspis*. New York, N.Y., (N. Ser.), 19, (703-704).

———— On the nature of l and related forms. [With bibliog Parker, G. H. ed., Mark Amer Volume, New York, 1903, (27 with 1 pl.).

SPECIAL.

Aerolepis macroderma, A. ; *fera cf. murchisoni*. Krotov, B. I Trd. Obsč. jest., 38, 3, 1904, (27-

Amblypterus permianensis n. sp. *orientalis*. Russand. Krotov, I (24-26).

Bathriolepis. Fatten, W. I Holl. Mass., Mar. Biol. Lab. B. 1904, (113-124, with text fig.).

Camodus. Karpinskij, A. P. Peterburg, Ver. Russ. mineral. (Ser. 2), 41, 1903, Prot. (32-37).

Cymatodus. Krotov, B. I Trd. Obsč. jest., 38, 3, 1904, (6, 7-

Diacranodus texensis Cope (= *modus? compressus* Cope). Bro N. Jahrb. Min., Stuttgart, Beilage 1904, (467-484, mit 2 Taf.).

Dinichthys spp., structure. Hu L. New York, N.Y., Bull. Amer. Nat. Hist., 21, 1905, (409-414, 1 pl., text fig.).

Dipterus. Tokarenko, L. K Trd. Obsč. jest., 37, 2, 1903, (37).

Drepanaspis, scales. Eastman, Science, New York, N.Y., (N. Ser.) 1904, (703-704).

Elonichthys disjunctus n. sp. man, C. R. Cambridge, Mass., Mus. Comp. Zool. Harvard Coll 1903, (191).

Erismacanthus barbatus n. Eastman, C. R. l.c. (211).

Finmodus dentatus n. sp. Ea C. R. l.c. (175).

Helodus incisus n. sp. Ea C. R. l.c. (204).

Homacanthus nn. spp. Ea C. R. l.c. (218).

Janassa nn. spp. **Eastman**, C. R. l.c. (172-173).

——— *bituminosa* from the marlslate, Thickley. **Brown**, J. C. Naturalist, London, 1905, (220-222).

Menaspis, relations of. **Dean**, B. Amer. Geol., Minneapolis, Minn., 34, 1904, (49-53, with pl.).

Orodus intermedius n. sp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (183).

Palaeoniscus nn. spp.; *P. nanus*, *P. tuberculatus*, *P. lepidurus*, *P. tschevlini*, *P. kasanensis*, *P. costatus*, *P. stochurovskii*. Russland. **Krotov**, B. Kazan', Trd. Obsč. jest., 38, 3, 1904, (9-24).

Palacopycnodus sp. **Krotov**, B. l.c. (32-34).

Phoeodus nn. spp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (169-196).

Physonemus nn. spp., *P. asper* n. nom. = *Xystracanthus arcuatus* Leidy. **Eastman**, C. R. l.c. (183-207).

Platysomus biarmicus. **Krotov**, B. Kazan', Trd. Obsč. jest., 38, 3, 1904, (31-32).

Psephodus sp. **Krotov**, B. l.c. (5-7).

Pteraspes dunensis F. Roem. **Drevermann**, F. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (275-289, mit 3 Taf.).

Pygopterus. **Krotov**, B. Kazan', Trd. Obsč. jest., 38, 3, 1904, (30-31).

Rhadinichthys argentinicus n. sp. Argentinien. **Tornquist**, A. Berlin, Zs. D. geol. Ges., 56, 1904, Aufsätze, (346-351, mit 2 Taf.).

Sagenodus cristatus n. sp. **Eastman**, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., 39, 1903, (188).

Stethacanthus erectus n. sp. **Eastman**, C. R. l.c. (217).

Streblodus angustus n. sp. **Eastman**, C. R. l.c. (182).

Tremataspis, appendages. **Eastman**, C. R. Amer. Nat., Boston, Mass., 37, 1903, (573-577).

(K-11720)

5431.65 TRIASSIC.

Coelacanthus africanus n. sp. **Broom**, R. Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (339).

Colobodus. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (199-211).

Cosmacanthus elegans n. sp. Idaho. **Evans**, H. M. Berkeley, Univ. Cal., Bull. Dept. Geol., 3, 1904, (397-[402], with 1 pl.).

Dapedius. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (215-216, Taf. V).

Heterolepidodus parvulus n. sp. Salzburg. **Gorjanović-Kramberger**, K. l.c. (214-215, Taf. IV).

Hybodus substriatus n. sp. Lüneberg. **Linstow**, O. von. Berlin, Jahrb. geol. Landesanst., 24, 1904, (129-164).

Mesodon hoeferi n. sp. Salzburg. **Gorjanović-Kramberger**, K. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (219-220, Taf. IV).

Ophiopsis attenuata. Salzburg. **Gorjanović-Kramberger**, K. l.c. (218-219, Taf. IV).

Pholidophorus. Salzburg. **Gorjanović-Kramberger**, K. l.c. (221-222, Taf. IV).

Semionotus kapfi. Salzburg. **Gorjanović-Kramberger**, K. l.c. (195-197, Taf. II).

Spaniolepis n. gen., *S. otalis* n. sp. Salzburg. **Gorjanović-Kramberger**, K. l.c. (216-218, Taf. IV).

5431.70 JURASSIC.

Hybodus. Mähren. **Rzehak**, A. Brünn, Zs. Mähr. LdMus., 4, 1904, (89-154, mit 1 Taf.).

Macromesodon n. gen. for *M. bathonicus* (Sauvage, — *Mesodon*, 1830). **Blake**, J. F. London, Monogr. Palaeont. Soc., 59, 1905, (32).

5431.75 CRETACEOUS.

GENERAL.

Gill, T. N. An interesting Cretaceous chimaeroid egg-case. Science, New York, N.Y., (N. Ser.), 22, 1905, (601-602).

SPECIAL.

Beryx ornatus. Favre, I. Trd. Obs. ispyt. prir., 38, (152-154).

Ceratodus africanus n. sp. Sahara. Mang, E. Paris, C.-B. Acad. sci., 138, 1904, (1529-1530).

Osmoroides leucisensis. Favre, I. Charikov, Trd. Obs. ispyt. prir., 38, 2, 1903, (152).

5431.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Stromer, E. Ein Beitrag zur Kenntnis des Myliobatiden-Gebisses. Berlin, Zs. D. geol. Ges., 56, 1904, beif. Mitt., (203-207).

Myliobatiden aus dem Mitteleocän der bayerischen Alpen. Lc. Aufsätze, (249-267, mit 1 Taf.).

SPECIAL.

Aetobatis. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (43, Taf. v).

Alopias. Aegypten. Stromer, E. l.c. (169, Taf. xv).

Alopiopsis. Aegypten. Stromer, E. l.c. (174-176, Taf. xvi).

Amblypristis. Stromer, E. l.c. (55, Taf. vi).

Bradyurus n. gen. Italy. Gill, T. N. Science, New York, N.Y., (N. Ser.), 20, 1904, (845-846).

Caranz primaevus n. sp. Italy. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (28).

Carcharias. Aegypten. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (176-179, Taf. xvi).

Carcharodon. Aegypten. Stromer, E. l.c. (172-174, Taf. xv).

Eopristis n. subgen. (*Pristis*). Stromer, E. l.c. (52-53).

Galeocerdo. Aegypten. Stromer, E. l.c. (174-176, Taf. xvi).

Galeus. Aegypten. Stromer, E. l.c. (174-176, Taf. xvi).

Ginglymostoma. Aegypten. Stromer, E. l.c. (165-167, Taf. xv).

Hemipristis. Aegypten. Stromer, E. l.c. (174, Taf. xvi).

Histionotophorus n. nom. (= *Histiocephalus* A. de Zigno not Diesing). Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (32).

(or *Pterophryne*?) *basani*. Italy. Gill, T. N. Science, New York, N.Y., (N. Ser.), 20, 1904, (845-846).

Lamna. Aegypten. Stromer, E. Wien, Beitr. Geol. Pal. OstUng., 18, 1905, (169-171, Taf. XV).

Myliobatis nn. spp. Aegypten. Stromer, E. l.c. (40-43, Taf. V).

Odontaspis. Aegypten. Stromer, E. l.c. (169-171, Taf. XV).

Otodus. Aegypten. Stromer, E. l.c. (169-171, Taf. XV).

Oxyrhina. Aegypten. Stromer, E. l.c. (167-168, Taf. XV).

Pristis nn. spp. Aegypten. Stromer, E. l.c. (47-54, Taf. VI).

Proprius schweinfurthii. Stromer, E. l.c. (53-55, Taf. V).

Pyenodus. Aegypten. Stromer, E. Wien, Beitr. Pal. Geol. OstUng., 18, 1905, (185-190, Taf. XVI).

Pygaeus agassizii n. sp. Eastman, C. R. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., 46, 1904, (31).

Scyllium. Aegypten. Stromer, E. l.c. (164).

5431.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Aetobatis biochei n. sp. France. Priem, F. Paris, Bul. soc. géol., (ser. 4), 4, 1904, (286).

Ginglymostoma miqueli n. sp. France. Priem, F. Paris, Bul. soc. géol., (ser. 4), 4, 1904, (288).

Pelamycybium n. gen. („*Sphyracodus*“) *sinus vindobonensis* n. sp. Oesterreich. Toulou, F. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (51-84, mit 1 Taf.).

5631 REPTILIA AND
BATRACHIA.5631.35 GENERAL, INCLUDING
STRATA OF UNKNOWN
AGE.

GENERAL.

Broili, F. Pelycosaurierreste von Texas. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (268-274, mit 1 Taf.).

Fraas, E. Reptilien und Säugetiere in ihren Anpassungserscheinungen an das marine Leben. Stuttgart, Jahreshefte Ver. Natk., **61**, 1905, (347-386).

Hoernes, [R.]. Ueber Koproolithen und Enterolithen. Biol. Centralbl., Leipzig, **24**, 1904, (566-576).

Jaekel, O. Ueber den Schädelbau der Nothosauriden. Berlin, SitzBer. Ges. natf. Freunde, **1905**, (60-84).

Riggs, E. S. Structure and relationships of Opisthocelidian Dinosaurs. Part I. *Apatosaurus* Marsh. Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser. **2**, 1903, (11 + 165-196, with text fig. and pl.). Separate. 25.8 cm.

Williston, S. W. On the osteology of *Nyetosaurus* (*Nyetodactylus*), with notes on American pterosaurs. l.c. ([125]-163, with text fig. and pl.).

SPECIAL.

Zanclodon, Nomenklatur. **Huene, F.** von. Centralbl. Min., Stuttgart, **1905**, (10-12).

5631.55 UPPER PALAEOZOIC.

GENERAL.

Case, E. C. . . . Work on the morphology of Permian reptiles. Grant No. 4-6. [Preliminary report.] Washington, D.C., Carnegie Inst., Year Book, **1903**, No. 2, 1904, (xxxvii).

SPECIAL.

Bathygnathus borealis. **Case, E. C.** Science, New York, N.Y., (N. Ser.), **22**, 1905, (52-53).

Cochleosaurus bohemicus Fritsch. **Broili, F.** Palaeontographica, Stuttgart, **52**, 1905, (1-16, mit 2 Taf.).

Datheosaurus n. gen., *D. macrourus* n. sp. Deutschland. **Schroeder, H.** Berlin, Jahrb. geol. Landesanst., **25**, (1904), 1905, (282-294, mit 2 Taf.).

Dimetrodon, skull. **Case, E. C.** J. Geol., Chicago, Ill., **12**, 1904, (304-311, with text fig.).

——— fore foot. **Case, E. C.** l.c. (312-315, with text fig.).

Eifelosaurus triadicus n. sp. Deutschland. **Jaekel, O.** Berlin, Zs. D. geol. Ges., **56**, 1904, briefl. Mitt., (90-94).

5631.60 MESOZOIC.

GENERAL.

Hay, O. P. On the group of fossil turtles known as the Amphichelydia; with remarks on the origin and relationships of the suborders, superfamilies, and families of Testudines. [With bibliography.] New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (137-175, with text fig.).

SPECIAL.

Anaphotidemys n. nom. (= *Chelonides* preöc). **Hay, O. P.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (145).

Ichthyosaurus, neue Darstellung. **Jaekel, O.** Berlin, Zs. D. geol. Ges., **56**, 1904, Protokolle, (26-34).

5631.65 TRIASSIC.

GENERAL.

Broom, R. On the use of the term Anomodontia. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, pt. 4, (266-269).

——— Preliminary notice of some new fossil reptiles collected by Mr. Alfred Brown at Aliwal North, S. Africa, l.c. (269-275).

——— On the structure and affinities of the endothiodont reptiles. Cape Town, Trans. S. Afric. Phil. Soc., **15**, pt. 4, 1905, (259-282, pls. XII-XIV).

Huene, F. von. Pelycosaurier im deutschen Muschelkalk. N. Jahrb. Min., Stuttgart, Beilagebd, 20, 1905, (321-353, mit 3 Taf.).

Merriam, J. C. The Thalattosauria: a group of marine reptiles from the Triassic of California. San Francisco, Mem. Cal. Acad. Sci., 5, No. 1, 1905, (52, with text fig. and pl.).

Primitive characters of the Triassic ichthyosaurs. [Abstract.] Rochester, N.Y., Bull. Geol. Soc. Amer., 14, 1904, (530).

Osborn, H. F. The Sauropoda: [A criticism of Hatcher's "Osteology of Haplocanthosaurus," and of Riggs' "Structure and relationships of Opisthocoelean Dinosaurs".] Science, New York, N.Y., (N. Ser.), 19, 1904, (271-272).

SPECIAL.

Anomoosaurus strunzi n. sp. Germany. **Huene, F. von.** N. Jahrb. Min., Stuttgart, Beilagebd, 20, 1905, (321-334, Taf. V-VII).

Anthiauripus n. gen., *A. hitchecocki* n. sp. Massachusetts. **Lull, R. S.** Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (486-488).

Archaeosuchus n. gen., *A. cairncrossi* n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (333).

Batrachopus dispar n. sp. Massachusetts. **Lull, R. S.** Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (483).

Brachybrachium n. gen., *B. brevipes* n. sp. Wyoming. **Williston, S. W.** J. Geol., Chicago, Ill., 12, 1904, (694).

Diademodon, anatomy. **Broom, R.** London, Proc. Zool. Soc., 1905, 1, 1905, (96-102).

Dicynodon jouberti n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (331).

Dolichobrachium n. gen., *D. gracile* n. sp. Wyoming. **Williston, S. W.** J. Geol., Chicago, Ill., 12, 1904, (689).

Ekbainacanthus. **Jakovlev, N.** St. Petersburg, Verh. Russ. mineral ges., (Ser. 2), 41, 1903, (165-169).

Erythrosuchus n. gen., *E. africanus* n. sp. **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, 1905, (336).

Eubrontes platypus n. nom. (*blonyx giganteus* E. Hitchcock). **R. S. Boston, Mass., Mem. Soc. Nat. Hist., 5, 1904, (512).**

Eubrachiosaurus n. gen., *E.* n. sp. Wyoming. **Williston, J. Geol., Chicago, Ill., 12, 1904, (694).**

Hosoeia n. gen., *H. browni* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, 1905, (270).

Hyperodapedon, ribs. **Wos A. S. Stone, Rep. N. Staff. F. 1905, (115-117, with pl.).**

Ichthyosaurus carinatus, *I. v. I. platyodon*, notes. **Sauvage, Antun, Bul. soc. hist. nat., 10 (311-319).**

Melinodon n. gen., *M. sinus* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, 1905, (273).

Nectosaurus n. gen., *N. haliu* California, Triassic. **Merriam, San Francisco, Mem. Cal. Acad. Sci., 5, No. 1, 1905, (52, with text fig. and pl.).**

Paleorhinus n. gen., *P. branson* Wyoming. Triassic. **Williston, J. Geol., Chicago, Ill., 12, 1904, (694).**

Pelosuchus n. gen., *P. priacus* **Broom, R.** Graham's Town, Cape Colony, Rec. Albany Mus., 1, pt. 5, (335).

Procolophon, affinities. **Broom, London, Proc. Zool. Soc., 1905, 1 (217).**

Seeley, H. G. l.c. 230, with figs.).

baini n. sp. **Broom, R.** Graham's Town, Cape Colony, Albany Mus., 1, pt. 5, 1905, (332).

Sesamodon n. gen., *S. browni* **Broom, R.** l.c. pt. 4, 1905, (272).

Stenonyx n. nom. (= *Lepton*; Hitchcock præc.). **Lull, R. S. F. Mass., Mem. Soc. Nat. Hist., 5, (498).**

Sustenodactylus n. nom. (= *Stenonyx*; Hitchcock præc.). **Lull, l.c. (537).**

Tarsoplectrus n. nom. (= *Plectro*; Hitchcock). **Lull, R. S. l.c. (537).**

Thalattosaurus nn. spp. California. Triassic. **Merriam**, J. C. San Francisco, Mem. Cal. Acad. Sci., **5**, No. 1, 1905, (52, with text fig. and pl.).

Thelegnathus n. gen., *T. browni* n. sp. **Broom**, R. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, pt. 4, 1905, (274).

Trirachodon minor n. sp. **Broom**, R. l.c. (271).

Udenodon pusillus n. sp. **Jaekel**, O. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (172-188).

Ichthyosaurus bambergensis n. sp. Deutschland. **Bauer**, F. Bamberg, Ber. natf. Ges., **18**, 1901, Abh. 1, (1-56, mit 2 Taf.).

———— *volgensis* n. sp. Russland. **Kazanski**, P. Kazan, Trd. Obšč. jest., **37**, 3, 1903, (3-29); deutsches Rés., (29-30, mit 2 Taf.).

Metriorhynchus, Skelet. **Jaekel**, O. Berlin, Zs. D. geol. Ges., **56**, 1904, Protok., (109-119).

———— *jaekeli* n. sp. **Schmidt**, W. E. l.c. (97-108, mit 2 Taf.).

Morosaurus, skull and skeleton. **Osborn**, H. F. Science, New York, N.Y., (N. Ser.), **22**, 1905, (374-376).

Otouphepus n. gen. *O. magnificus* n. sp. Connecticut. **Cushman**, J. A. Amer. Geol. Minneapolis, Minn., **33**, 1904, (154-156, with 1 pl.).

Plesiosaurus. **Jakovlev**, N. N. St. Petersburg, Verh. Russ. mineral. Ges. (Sér. 2), **41**, 1903, (13-16, mit 1 Taf.).

Pleurocoelus versus *Astrodon*. **Lucas**, F. A. Science, New York, N.Y., (N. Ser.), **19**, 1904, (436).

Polacanthus. Great Britain. **Nopcsa**, F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (241-251, with pl. and figs.).

Streptospondylus. Great Britain. **Nopcsa**, F. l.c. (289-293, with pl.).

5631.70 JURASSIC.

GENERAL.

Williston, S. W. North American plesiosaurs. Part I. [With "Catalogue and bibliography."] Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (1-77, with text fig. and pl.). Separate. 25.8 cm.

SPECIAL.

Apatosaurus, structure and relationships. **Biggs**, E. S. l.c. (11 + 165-196, with text fig. and pl.).

Baptanodon, osteology. **Gilmore**, C. W. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, (77-129, with pl. and text fig.).

Brontosaurus, skull and skeleton. **Osborn**, H. F. Science, New York, N.Y., (N. Ser.), **22**, 1905, (374-376).

Cetiosaurus leedsi from Peterborough, skeleton. **Woodward**, A. S. London, Proc. Zool. Soc., **1905**, 1, (232-243).

Diplodocus, clavicle. **Nopcsa**, F. l.c. **2**, (289-294).

———— *carnegiei*. Pittsburgh, Pa., Ann. Carnegie Mus., **3**, 1905, (443-452, with pl.).

Goniopholis? *gilmorei* n. sp. Wyoming. **Holland**, W. J. l.c. (431-434, with pl. and text fig.).

Hypsilophodon. Great Britain. **Nopcsa**, F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (203-208, with pl. and figs.).

5631.75 CRETACEOUS.

GENERAL.

Brown, B. Stomach stones and food of Plesiosaurs. Science, New York, N.Y., (N. Ser.), **20**, 1904, (184-185).

Eastman, C. R. A recent paleontological induction. [Criticism of paper by Barnum Brown on "Stomach stones and food of Plesiosaurs."] l.c. (465-466).

Hay, Oliver Perry. A revision of the species of the family of fossil turtles called Toxochelyidae. New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (177-185, with text fig.).

Merriam, J. C. The occurrence of Ichthyosaurus-like remains in the upper Cretaceous of Wyoming. Science, New York, N.Y., (N. Ser.), **22**, 1905, (640-641).

Williston, S. W. The relationships and habits of the mosasaurs. *J. Geol., Chicago, Ill.*, **12**, 1904, (43-51).

——— North American plesiosaurs. Part 1. [With "Catalogue and bibliography".] Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (1-77, with text fig. and pl.). Separate. 25.8 cm.

——— The stomach stones of the plesiosaurs. *Science, New York, N.Y., (N. Ser.)*, **20**, 1904, (565).

SPECIAL.

Albertosaurus n. gen., type *A. sarcophagus* n. sp.) **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (265).

Apatomerus n. gen., *A. mirus* n. sp. **Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (160).

Brachauchenius n. gen., *B. lucasi* n. sp. **Kansas. Williston, S. W. l.c.** (57).

Dynamosaurus n. gen., (type *D. imperiosus* n. sp.) **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (263-264, with text fig.).

Goniopholis pugnax **Koken.** Westfalen. **Landols, H.** Münster, Jahresber. ProvVer. Wiss., **32**, (1903-04), 1904, (45-46).

Nyctosaurus, osteology. **Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, ([125]).

Plesiosaurus kanzleri n. sp. Deutschland. **Koken, E.** Centralbl. Min., Stuttgart, 1905, (681).

Polycotylus ischiadicus n. sp. **Kansas. Williston, S. W.** Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser., **2**, 1903, (72).

Polyptychodon interruptus. Sables verts de la Meuse. **Sauvage, H. E.** Autun, Bul. soc. hist. nat., **16**, 1903, (321-323).

Porthochelys browni n. sp. **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (183-185, with text fig.).

Stegopelta n. gen., *S. landerensis* n. sp. Wyoming. **Williston, S. W.** *Science, New York, N.Y., (N. Ser.)*, **22**, 1905, (503-504).

Toxochelys nn. spp. **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (180-182, with text fig.).

Triceratops prorsus, skeleton. **Gilmore, Charles W[hitney].** Washington, D.C., Smithsonian Inst., *Nation. Mus. Proc.*, **29**, 1905, (17 + 433-435, with 2 pls.).

Tyrannosaurus n. gen., (type *T. rex* n. sp.) **Osborn, H. F.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (262-263, with text fig.).

5631.80 CAENOZOIC.

Conchochelys n. gen., *C. admirabilis* n. sp. [New Mexico.] **Hay, O. P.** New York, N.Y., *Bull. Amer. Mus. Nat. Hist.*, **21**, 1905, (335-338, with text fig.).

5631.85 LOWER CAENOZOIC (Eocene, Oligocene).

GENERAL.

Hay, O. P. The fossil Chelonia of North America. Grant No. 14. [Preliminary report.] Washington, D.C., Carnegie Inst., Year Book, **1903**, No. 2, 1904, (xxxvii).

SPECIAL.

Archaeophis proavus. Italien. **Jänensch, [W.]** Berlin, SitzBer. Ges. natf. Freunde, **1904**, (133-135).

——— Monte Bolca. **Jänensch, [W.]** Berlin, Zs. D. geol. Ges., **56**, 1904, Protok., (54-56).

Crocodylus nn. spp. Egypt. **Andrews, C. W.** *Geol. Mag., London, (Ser. 2)*, [5], **2**, 1905, (481-482).

Nicoria headonensis n. sp. **Hootley, R. W. l.c.** (66).

Tomistoma nn. spp. Egypt. **Andrews, C. W. l.c.** (484).

5631.95 PLEISTOCENE AND RECENT.

Brown, A. E. Post-glacial Nearctic centres of dispersal for reptiles. Philadelphia, Pa., *Proc. Acad. Nat. Sci.*, **56**, 1904, (464-474).

5831 AVES.

5831.75 CRETACEOUS.

Diatryma gigantea. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1903, (556).

Hargeria n. gen., type *Hesperornis gracilis*. Lucas, F. A. l.c. (552).

5831.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE.)

GENERAL.

Eastman, C. R. Fossil avian remains from Armissan, [*Taoperdiz keltica* n. sp.]. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, ([131]-138, with pl.).

Lucas, F. A. Notes on the osteology and relationship of the fossil birds of the genera *Hesperornis*, *Hargeria* [n. gen., type *Hesperornis gracilis*], *Baptornis* and *Diatryma*. [Suggests that *Diatryma* belongs to the Stereornithes and that *Baptornis* represents a separate order from *Hesperornis*.] Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (545-556, with text fig.).

SPECIAL.

Anthropornis n. gen. *A. nordenskjöldii* n. sp. Seymour Insel. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (249, with pl.).

Baptornis, notes on osteology and relationship. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (553-554).

Delphinornis n. gen., *D. larsenii* n. sp. Seymour Insel. Wiman, C. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (250-251, with pl.).

Eospheniscus n. gen. *E. gunnari* n. sp. Wiman, C. l.c. (250, with pl.).

Hesperornis, notes on the osteology and relationship. Lucas, F. A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **26**, 1903, (545-552, with text-fig.).

Ichtyopteryx n. gen., *I. gracilis* n. sp. Seymour Insel. Wiman, C. l.c. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (251, with pl.).

Pachypteryx n. gen., *P. grandis* n. sp. Seymour Insel. Wiman, C. l.c. (250, with pl.).

Taoperdiz keltica n. sp. France. Eocene. Eastman, C. R. Pittsburgh, Pa., Mem. Carnegie Mus., **2**, 1905, ([131]-138, with pl.).

5831.95 PLEISTOCENE AND RECENT.

Aepyornis ingens de Madagascar. Grandidier, G. Nature, Paris, **31**, (2^e sem.), 1903, (215-218, av. fig.).

Didus ineptus, skeleton. True, F. W. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1905, (517, with pl.).

Sarcorhamphus patruus n. sp. Bolivia. Lönnerberg, E. Upsala, Bull. Geol. Inst., **6**, 1902-03, [1905], (1-11, with pl.).

6031 MAMMALIA.

6031.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Abel, O. Die phylogenetische Entwicklung des Cetaceengebisses und die systematische Stellung der Physeteriden. Verh. D. zool. Ges., Leipzig, **15**, 1905, (84-96).

Fraas, O. Reptilien und Säugetiere in ihren Anpassungserscheinungen an das marine Leben. Stuttgart, Jahreshefte, Ver. Natk., **61**, 1905, (347-386).

Janensch, W. Skeletbau der Glyptodontiden. Berlin, Zs. D. geol. Ges., **56**, 1904, Protok., (67-91).

O[sborn], H. F. Fossil mammals of Mexico. Science, New York, N.Y., (N. Ser.), **21**, 1905, (931-932).

Roger, Otto. Ueber die Antilopen. Vortrag . . . Augsburg, Ber. natw. Ver., **36**, 1904, (103-126).

Trouessart, E. J. Catalogus Mammalium tam viventium quam fossilium. Quinquennale supplementum anno 1904. Fasc. III. Tillodontia, Ungulata et Sirenia. Berlin, 1905, (547-752).

Harter, F. E. Beiträge über die Differenzierung des Gebisses aus der Phylogense der fossilen Suiden. Biol. Centralbl., Leipzig, **25**, 1905, (508-519).

SPECIAL.

Bos primigenius domesticus in der Praeglacialis. **Kreutz, R.** Olmütz, Čas. Mus. Spolku, **1904**, (114-116).

Daemonelex, a rodent's burrow? **Peterson, O. A.** Science, New York, N.Y., (N. Ser.), **20**, 1904, (344-345).

Elephas primigenius. **Berezovka, Sibirien.** **Žallako, J. V.** Olmütz, Čas. Mus. Spolku, **1904**, (35-55, mit 5 Taf.).

Homo, neue Gedanken über das alte Problem von der Abstammung. **Kollmann, J.** Globus, Braunschweig, **37**, 1905, (140-148).

Megaladapis edwardsi G. Grandidier. **Lorenz, L. v.** Wien, Denkschr. Ak. Wiss., **77**, 1905, (451-490, mit 6 Taf.).

6031.80 CAENOZOIC.

Dinochoerus n. gen., n. sp. Nebraska. **Peterson, O. A.** Science, New York, N.Y., (New Ser.), **22**, 1905, (211-212).

Equus, evolution. **Matthew, W. D.** Supplement to Amer. Mus. J., New York, N.Y., **3**, 1903, ([1]-30, with text fig. and pl.).

Halitherium, Notiz. **Port, E. D.** van. Centralbl. Min., Stuttgart, **1905**, (21-22).

6031.81 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

GENERAL.

Gill, T. N. "Horses" not horses. [Criticism of "The Tree Dwellers," by E. C. Case.] Science, New York, N.Y., (N. Ser.), **19**, 1904, (737-738).

Lühe, M. Säugetierhaare im Bernstein. Königsberg, Schr. physik. Ges., **45**, 1904, Ber., (62-63).

SPECIAL.

Eutypomys n. gen., *E. thomsoni* n. sp. South Dakota. **Matthews, W. D.** New York, N.Y., Bull. Amer. Mus. Nat. Hist., **21**, 1905, (21-23, with text fig.).

Heteromeryx n. gen., *H. dispar* South Dakota. **Matthews, W. D.** (23-26).

Palaeomastodon nn. spp. Am. C. W. Geol. Mag., London, (8) [5], **2**, 1905, (562-563).

Zeuglodon, armor. **[Lucas]**, Science, New York, N.Y., (N. Ser.) **1904**, (436-437).

6031.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

GENERAL.

Grandidier, G. Observations sur les mammifères disparus de Madagascar. Bul. Muséum, Paris, **1902**, (587-591 fig.).

Peterson, O. A. Description of rodents and discussion of the origin of *Daemonelex* [probably burrow of *Daemonelex*]. Pittsburg, Pa., Mem. Cal. Mus., **2**, 1905, ([139]-202, with text fig.).

SPECIAL.

Aceratherium nn. spp. **S. Weber, M.** Moskva, Bull. Soc. **1904**, (344-363, mit 3 Taf.).

tetradactylum. **Hofmann, A. und Zbarsky, A.** Wien, Jahrb. RchsAnst., **54**, (1904), 1905, (585-590 XIV).

Amphicyon sorialis n. sp. Würtemberg und Bayern. **Schlosser, M.** Jahrb. Min., Stuttgart, Beilagen **1904**, (496).

Antelope cristata. **Hofmann, A. und Zbarsky, A.** Wien, Jahrb. Geol. Anst., **54**, (1904), 1905, (589-590, XV und XVI).

Capreolus. **Venjukov, P.** 1. geol. Ross., St. Petersburg, **21**, (121-188); deutsches Rés., (189 mit 3 Taf.).

Cervus. **Venjukov, P.** Lc. (189 mit 3 Taf.).

Cordylodon schlosseri n. sp. **Andersson, A.** Hildesheim, Mitt. Roemer-Museum, **1904**, (20).

Criotherium argalioides. **Schlosser, M.** Wien, Beitr. Pal. Geol. Ost **17**, 1904, (23-28, Taf. IV-V, figs. 1-10).

Dinotherium. **Venjukov**, P. Mater. geol. Ross., St. Petersburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

—— *bavaricum*. **Hofmann**, A. und **Zdarsky**, A. Wien, Jahrb. Geol. RchsAnst., **54**, (1904), 1905, (577-584, Taf. XIV).

Elephas meridionalis in Dorsetshire. **Fisher**, O. London, Q. J. Geol. Soc., **61**, 1905, (35-38, with pls.).

Eulapsis n. gen., *E. platyceps* n. sp. Nebraska. Miocene. **Peterson**, O. A. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (179-184).

Gazella gaudryi n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (66-68, Taf. XIII).

Ilalitherium bellunense eine Uebergangsform zur Gattung *Metazytherium*. **Abel**, O. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (393-398).

Heterodelphis leiodontus n. sp. Ungarn. **Papp**, K. Földt. Évk., Budapest, **14**, 1905, (21-53, Taf. V, VI).

Hipparion. **Venjukov**, P. Mater. geol. Ross., St. Petersburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

Hyaemoschus. **Hofmann**, A. und **Zdarsky**, A. Wien, Jahrb. Geol. RchsAnst., **54**, (1904), 1905, (586-589, Taf. XV).

Hyoherium sommeringi. **Hofmann**, A. und **Zdarsky**, A. l.c. (585-586, Taf. XV).

Ictops nn. spp. Montana. Miocene. **Douglass**, E. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (214-222, pl. XXII).

Machaerodus? ischyryus n. sp. California. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (171-175, with text fig.).

Mastodon. **Maška**, K. Wien, Verh. Geol. RchsAnst., **1904**, (304).

—— **Venjukov**, P. Mater. geol. Ross., St. Petersburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

—— *angustidens* Cuv. *Mastodon* cf. *longirostris* Kaup de Kertch. **Pavlova**, M. Ježeg. geol. i miner., Varšava, **6**, 1, 1903, (121-129); rés. fr., (130-139, av. 2 pls.).

Oioceros? proaries n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (73-76, Taf. XIII, figs. 7, 10-13).

Pachytragus n. gen., *P. crassicornis* n. sp. **Schlosser**, M. l.c. (56-59, Taf. XI, figs. 1-5).

Palaeomeryx simplicicornis n. sp. Württemberg und Bayern. **Schlosser**, M. N. Jahrb. Min., Stuttgart, Beilagebd., **19**, 1904, (497).

Palaeophocaena n. gen., *P. andrusovi* n. sp. Taman. **Abel**, O. Wien, Jahrb. Geol. RchsAnst., **55**, 1905, (375-392).

Palaeoryx nn. spp. **Schlosser**, M. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (38-44, Taf. VII-VIII).

Pontoleon n. gen., *P. magnus* n. sp. Oregon. **True**, F. W. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **48**, 1905, (47-49).

Procamelus khersonensis n. sp. Kher-son. **Pavlov**, M. Odessa, Mém. Soc. Nat. Nouv. Russ., **25**, 2, 1904, (113-133, av. 1 pl.).

Prodamaliscus n. gen., *P. gracilidens* n. sp. **Schlosser**, M. Wien, Beitr. Pal. Geol. OstUng., **17**, 1904, (29-31, Taf. IV-IV).

Protoryx hentscheli n. sp. **Schlosser**, M. l.c. (49-50, Taf. IX).

Protragelaphus zitteli n. sp. **Schlosser**, M. l.c. (31-34, Taf. VI, figs. 2, 3, 5-12).

Pseudotragus n. gen., *P. capricornis* n. sp. **Schlosser**, M. l.c. (51-55, Taf. X, fig. 1-8).

Rhinoceros. **Venjukov**, P. Mater. geol. Ross., St. Petersburg, **21**, 1904, (121-188); deutsches Rés., (189-193, mit 3 Taf.).

—— von Samos. **Weber**, M. Moskva, Bul. Soc. Nat., **1903**, (477-501, mit 3 Taf.).

Sivatherium giganteum. **Abel**, O. Wien, SitzBer. Ak. Wiss., **113**, 1904, Abth. I, (629-651, mit 1 Taf.).

Steneofiber, habits; nn. spp. Nebraska and Wyoming. Miocene. **Peterson**, O. A. Pittsburg, Pa., Mem. Carnegie Mus., **2**, 1905, (140-171).

Tragocerus rugosifrons n. sp.
Schlosser, M. Wien, Beitr. Pal. Geol.
ÖstUng., 17, 1904, (64-65, Taf. XIII,
figs. 4-6).

Tragoceras n. gen., *T. oryzoides* n. sp.
Schlosser, M. l.c. (34-37, Taf. VI).

Trochictis. Hofmann, A. Wien,
Jahrb. Geol. Reichsanst., 55, 1905, (27-
30, mit 1 Taf.).

Xenotherium n. gen., *X. unicum* n. sp.
Montana, Miocene. Douglass, E.
Pittsburg, Pa., Mem. Carnegie Mus., 2,
1905, (204-208, pl. XXII).

6031.95 PLEISTOCENE AND RECENT.

GENERAL.

Deecke, W. Säugethiere aus dem
Diluvium und Alluvium der Provinz
Pommern. Greifswald, Mitt. natw. Ver.,
36 (1904), 1905, (35-53, mit 1 Taf.).

Nordmann, V. On Denmark's
mammals in the past. (Danish)
Kjöbenhavn, Danm. Geol. Unders.,
(Ser. 3), 5, 1905, (III + 133, with an
English list of the Danish fossil
mammals).

SPECIAL.

Alactaga saliens Gmel. aus Mit-
teleuropa. Nehring, A. Natw. Wochen-
schr., Jena, 19, 1904, (215-216).

Aplodontia major fossilis n. subsp.
California. Sinclair, W. J. Berkeley,
Univ. Cal., Bull. Dept. Geol., 4, 1905,
(147, pl. XIX, figs. 1-9).

Arvicola (Tyrrhenicola) henseli, 1882.
Medit. Region. Major, C. I. F. Geol.
Mag., London, (Ser. 2), [5], 1905, (504).

Balcena mysticetus subfossil in
Sweden. Munthe, H. Stockholm, Geol.
För. Förh., 24, 1902, (49-59, 145-158,
with pl.); Stockholm, Sv. Geol. Unders.,
Ser. C, 190, 1902, (27).

Bos latifrons, Schädel. Tutkovskij, P.
Ježeg. geol. i miner., Varšava, 6, 1903,
(59-62).

—— *primigenius* Boj. Bere-
zowski, A. (Polish) Kraków, Spraw.
Kom. fizyogr., 38, 1905, (32-33).

—— subfossil in Sweden.
Munthe, H. Stockholm, Geol. För.
Förh., 24, 1902, (49-59, 145-158, with
pl.); Stockholm, Sv. Geol. Unders.,
Ser. C, 190, 1902, (27).

Cervus dioramus Rättemeyer,
rhénanus mihi, *C. tegulienensis mihi* n.
Dubois, E. Haarlem, Arch. Mus. Toy
(Ser. 2), 9, 1905, (605-615, avec 1 pl.

—— *claphus*, abnormal rostrum
from the south of England. Hux-
M. A. C. London, Proc. Zool. S.
1905, 1, (210-212).

Elephas spp., dans les couches
diluviales des pays plats de l'Allemagne
septentrionale et de la Pologne. G.
powalski, F. (Polish) Poznań, Roz-
tow. przyj. Nauk, 39, 1904, (109-131).

—— *antiquus* in den St.
brüchen bei Gräfenhainichen. Florin-
G. Gotha, Mitt. Ver. Gesch., 11
(43-57).

—— *primigenius*, tooth. M'Ch.
W. F. Sci. Amer., New York, N.
90, 1904, (60, with illustr.).

—— Asiatisches Rüssel-
Reinhardt, L. Prometheus, Berlin,
1905, (337-341, 357-360).

—— Reinhardt, L. Umsied-
Frankfurt a. M., 8, 1904, (751-753).

—— Reste, gefunden
Bielefeld. Wilbrand, J. Jahresber. d.
Ver. Ravensberg, Bielefeld, 18, 11
(91-93).

Equus, evolution. Matthew, W.
Supplement to Amer. Mus. J., N.
York, N.Y., 3, 1903, ([1]-30, with 1
fig., incl. pl.).

—— *caballus*: *nehringi*
subsp. Duerst, J. U. Arch. Ant.
Braunschweig, 30, 1904, (233-294).

—— *haasei* n. sp. Pamj
Südamerika. Reche, O. Wien, Be-
Geol. Pal. ÖstUng., 18, 1905, (225-2
mit 1 Taf.).

—— *stenonis* Cocchi, Un-
kiefer von Mosbach. Reichenau, W.
Darmstadt, Notizbl. Ver. Erdk.,
Folge, 24, 1903, (48-54).

Euceratherium, California. Sincl-
William J. and Furlong, E. L. Berke-
Univ. Cal., Bull. Dept. Geol., 3, 19
(411-418, with 2 pl. and text fi
Separate. 27 cm.

Felis listai bei Ultima Espera
(Südwestpatagonien). Hauthal,
Frankfurt a. M., Ber. Senckenb. G.
1904, (89-91).

Grypotherium, Dung. Richters,
l.c. (46).

Grypotherium darwini bei Ultima Esperanza (Südwestpatagonien). **Hauthal**, R. *l.c.* (89-91).

— — — Ultima Esperanza. **Lehmann-Nitsche**, R. Berlin, 1901, (48).

Homo krapinensis, Osteologie. **Gorjanovič-Kramberger**, K. Verh. Ges. D. Natf., Leipzig, **75**, (1903), II, 1, 1904, (219-222).

Hyæna aus dem märkischem Diluvium. **Schroeder**, H. Berlin, Jahrb. geol. Landesanst., **25**; (1904), 1905, (336-341).

— — — *arvernensis* aus dem Mosbacher Sande. **Reichenau**, W. von. Wiesbaden, Jahrb. Ver. Natk., **58**, 1905, (295-319).

Lupus spelæus, Schädel. **Langenhan**, A. Monatschr. Mineraliensammler, Rochlitz, **2**, 1904, H. 2-3, (8-9).

Machaerodus ? ischyryus n. sp. California. **Merriam**, J. C. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (171-175, with text fig.).

Mammut americanum. Alaska. **Osgood**, W. H. Washington, D.C., Proc. Biol. Soc., **18**, 1905, (254-255).

Mastodon, distribution of remains in New York. **Clarke**, J. M. Rochester, N.Y., Bull. Geol. Soc. Amer., **14**, 1904, (537).

— — — Reste aus dem interandinen Hochland von Bolivia. **Pompeckj**, J. F. Palaeontographica, Stuttgart, **52**, 1905, (17-56, mit 2 Taf.).

— — — von Nordeck am Vogelsberg. **Schottler**, W. Darmstadt, Notizbe. Ver. Erdk., **4** Folge, **23**, 1902, (26-30, mit 1 Taf.).

— — — Texas. **Mackensen**, B. San Antonio, Texas, Bull. Sci. Soc., **1**, 1905, ([3]-10, with pl.).

— — — *americanus*, osteology. **Holland**, W. J. Pittsburgh, Pa., Ann. Carnegie Mus., **3**, 1905, (464-467, with text fig.).

— — — *andium*. **Nordenskiöld**, E. Stockholm, Vet.-Ak. Handl., **47**, No. 4, 1903, (30, with 6 pls.).

Megalonyx sierrænsis n. sp. California. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (155, pls. XX, XXII).

Nothrotherium ? shastense n. sp. California. **Sinclair**, W. J. *l.c.* (153-155, pl. XXIII, figs. 1-5a, 8).

Onohippidium saldiasi bei Ultima Esperanza (Südwestpatagonien). **Hauthal**, R. Frankfurt a. M., Ber. Senckenb. Ges., **1904**, (89-91).

Ovibos moschatus. England. **Andrews**, C. W. London, Proc. Zool. Soc., **1905**, **1**, (50-53).

— — — fossil in Sweden. **Munthe**, H. Stockholm, Geol. För. Förh., **27**, 1905, (173-189, with pl.).

Ovis aries : studeri n. subsp. **Schoentzensack**, O. Heidelberg, Verh. Nathist. Ver., (N.F.), **8**, 1904, (1-118, mit 3 Taf.).

Phoca barbata subfossil in Sweden. **Munthe**, H. Stockholm, Geol. För. Förh., **24**, 1902, (49-59, 145-158, with pl.); Stockholm, Sv. Geol. Unders., Ser. C., **190**, 1902, (27).

Preptoceras n. gen., *P. sinclairi* n. sp. California. **Furlong**, E. L. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, ([163]-169 + 1l., with 2 pl.).

Prolagus calpensis n. sp. **Major**, C. I. F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (466).

Rhagamys orthodon (Hensel, *Mus*). Medit. region. **Major**, C. I. F. *l.c.* (503).

Rhinoceros im Diluvium Böhmens. **Kafka**, J. Vesmir, Prag, **33**, 1904, (112-113).

Scaphoceros n. gen., *S. tyrrelli* n. sp. Alaska. **Osgood**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **48**, 1905, (173-185, with pl.).

Teonoma spelæa n. sp. California. **Sinclair**, W. J. Berkeley, Univ. Cal., Bull. Dept. Geol., **4**, 1905, (148, pl. XIX, figs. 4-7).

Thomomys microdon n. sp. California. **Sinclair**, W. J. *l.c.* (146-147, pl. XIX, figs. 1-3).

Tyrrenicola n. gen. **Major**, C. I. F. Geol. Mag., London, (Ser. 2), [5], **2**, 1905, (504).

Ursus arctos et *U. maritimus* subfossil in Sweden. **Holst**, N. O. Stockholm, Sv. Geol. Unders., Ser. C., **189**, 1902, (38, with pl.).

— — — *deningeri* n. sp. Mosbach. **Reichenau**, W. von. Wiesbaden, Jahrb. Ver. Natk., **57**, 1904, (1-11).

LIST OF NEW GENERA AND SPECIES

0431 PROTOZOA.

AMMODISCUS [Foraminifera].

- *bartinensis*. Hucce. 3066.
 — *nidiformis*. Brückmann.
 2869.

CRISTELLARIA [Foraminifera].

- *baltica*. Brückmann. 2869.
 — *colligata*. Brückmann. 2869.
 — *flexuosa*. Brückmann. 2869.
 — *lithuanica*. Brückmann.
 2869.
 — *mitellata*. Brückmann. 2869.
 — *pommeranica*. Hucce. 3066.
 — *virgata*. Brückmann. 2869.

EPISTOMINA [Foraminifera].

- *porcellanea*. Brückmann.
 2869.

FRONDICULARIA [Foraminifera].

- *ampulla*. Hucce. 3066.
 — *borussica*. Brückmann. 2869.
 — *distorta*. Brückmann. 2869.
 — *schellhrieni*. Brückmann.
 2869.

GLOBIGERINA [Foraminifera].

- ? *mantoensis*. Walcott.
 3452.

LAGENA [Foraminifera].

- *pura*. Hucce. 3066.

MARGINULINA [Foraminifera].

- *rostrata*. Hucce. 3066.

ORTHOPHRAGMINA [Foraminifera].

- *bayani*. Schlumberger.
 3341.
 — *decorata*. Schlumberger.
 3341.
 — *gumbeli*. Schlumberger.
 3341.
 — *lanceolata*. Schlumberger.
 3341.
 — *munieri*. Schlumberger.
 3341.
 — *taramellii*. Schlumberger.
 3341.

PULVINULINA [Foraminifera].

- *klewmi*. Stever. 34

RHARDOGONIUM [Foraminifera].

- *pericardium*. Brückmann.
 2869.

ROTALIA [Foraminifera].

- *fallax*. Stever. 340

SAGRINA [Foraminifera].

- *branneri*. Bagg. 28
 — *californiensis*. Bagg.
 — *elongata*. Bagg. 28

0631 PORIFERA.

PROTOSPONGIA [Hexactinellida].

- *chloris*. Walcott. 34

RECEPTACULITES.

- *fergusoni*. Chapman.

SPHENODICTYA n. gen. Herzer.

- *cornigera*. Herzer.

0631 COELENTERATA.

ACTINOSTROMA [Hydromedusae].

- *trentonensis*. Weller.

ALVEOPORA [Hexacoralla].

- *gracilis*. Törnquist.

AMPLEXUS [Tetracoralla].

- *cornutus*. Stucke
 3413.

ANISOPHYLLUM [Tetracoralla].

- *carbonicum*. Stucke
 3413.

ANTHOGRAPTUS [Graptolitoidea].

- *nidus*. Törnquist. 3

ANTILLOSERIS n. gen. [Hexacoralla]
 Vaughan. 3446.

APILOSMILIA [Hexacoralla].

- *sokolovii*. Missuna.

- BRYOGRAPTUS [Graptolitoidea].
 — *simplex*. Törnquist. 3429.
 CAMPOPHYLLUM [Tetracoralla].
 — *amplexoides*. Stuckenberg. 3413.
 — *conicum*. Stuckenberg. 3413.
 — *sinzoui*. Stuckenberg. 3413.
 — *vermiculare*. Stuckenberg. 3413.
 CANINIA [Tetracoralla].
 — *cornuta*. Stuckenberg. 3413.
 — *halmerseni*. Stuckenberg. 3413.
 — *inostranzewi*. Stuckenberg. 3413.
 — *karpinskii*. Stuckenberg. 3413.
 — *knorogae*. Stuckenberg. 3413.
 — *lahusenii*. Stuckenberg. 3413.
 — *okensis*. Stuckenberg. 3413.
 — *rossica*. Stuckenberg. 3413.
 — *schmidtii*. Stuckenberg. 3413.
 — *struvii*. Stuckenberg. 3413.
 — *tchernyschewi*. Stuckenberg. 3413.
 CLADOPORA [Tabulata].
 — *multisacriata*. Weller. 3470.
 CLIMACOGRAPTUS [Graptolitoidea].
 — *wellingtonensis*. Hall. 3028.
 CLINOPHYLLUM [Tetracoralla].
 — *credneri*. Stuckenberg. 3413.
 — *eichwaldi*. Stuckenberg. 3413.
 — *halmerseni*. Stuckenberg. 3413.
 — *lonsdalei*. Stuckenberg. 3413.
 CLONOGRAPTUS [Graptolitoidea].
 — *subtilis*. Törnquist. 3429.
 CYCLOPHYLLUM [Tetracoralla].
 — *mstenae*. Stuckenberg. 3413.
 — *thomsoni*. Stuckenberg. 3413.
 — *zitteli*. Stuckenberg. 3413.
 CYPHASTRAEA [Hexacoralla].
 — *intermedia*. Felix. 2967.
 DENDRACIS [Hexacoralla].
 — *meridionalis*. Törnquist. 3427.
 DENDROGRAPTUS [Graptolitoidea].
 — *maximus*. Wiman. 3493.
 DESMOGRAPTUS [Graptolitoidea].
 — ? *formosus*. Wiman. 3493.
 DIBUNOPHYLLUM [Tetracoralla].
 — *barboti*. Stuckenberg. 3413.
 — *pseudoturbinatum*. Stuckenberg. 3413.
 DICELLOGRAPTUS [Graptolitoidea].
 — *lazatus*. Lapworth. 3412.
 DICHOGRAPTUS [Graptolitoidea].
 — *regularis*. Törnquist. 3429.
 DICRANOGRAPHUS [Graptolitoidea].
 — *hians*. Hall. 3028.
 DIDYMOGRAPTUS [Graptolitoidea].
 — *euodus* var. *björklundi* n. var. Lapworth. 3412.
 DIPLOGRAPTUS [Graptolitoidea].
 — *thielei*. Hall. 3028.
 DISCOGRAPTUS n. gen. [Graptolitoidea]. Wiman. 3493.
 — *schmidtii*. Wiman. 3493.
 DYBOWSKIELLA [Octocoralla].
 — *rossica*. Stuckenberg. 3413.
 EPISMILIA [Hexacoralla].
 — *calceiformis*. Missuna. 3199.
 — *sudaghi*. Missuna. 3199.
 FAVIA [Hexacoralla].
 — *minor* n. form. Felix. 2967.
 FAVOSITES [Tabulata].
 — *argentina*. Thomas. 3416.
 — *corrugatus*. Weller. 3470.
 FISCHERINA n. gen. [Tetracoralla]. Stuckenberg. 3413.
 — *rossica*. Stuckenberg. 3413.
 FLABELLUM [Hexacoralla].
 — *papakurense*. Clarke. 2890.
 GALEOGRAPTUS n. gen. [Graptolitoidea]. Wiman. 3493.
 — *wennersteni*. Wiman. 3493.
 GONIOCORA [Hexacoralla].
 — *taurica*. Missuna. 3199.
 HELIOPHYLLUM [Tetracoralla].
 — *adnascens*. Greene. 3017.
 — *ignotum*. Greene. 3017.
 HEXAPHYLLIA n. gen. [Hexacoralla]. Stuckenberg. 3413.
 — *prismatica*. Stuckenberg. 3413.
 INOCAULIS [Graptolitoidea].
 — *musciiformis*. Wiman. 3493.
 ISASTRAEA [Hexacoralla].
 — *minima*. Missuna. 3199.
 KONINCKOPHYLLUM [Tetracoralla].
 — *olivieri*. Stuckenberg. 3413.
 — *rossicum*. Stuckenberg. 3413.

- LATIMAKANDRA** [Hexacoralla].
 — ? *compacta*. Missuna. 3199.
- LEPTOPHYLLIA** [Hexacoralla].
 — *longistyla*. Missuna. 3199.
 — *pulchra*. Missuna. 3199.
- LITHOSTROTION** [Tetracoralla].
 — *rossicum*. Stuckenberg. 3413.
- LONSDALEIA** [Tetracoralla].
 — *muschketovi*. Stuckenberg. 3413.
 — *rossica*. Stuckenberg. 3413.
- Lophophylloides** n. gen. [Tetracoralla].
 — Stuckenberg. 3413.
 — *schellwieni*. Stuckenberg. 3413.
- LOPHOPHYLLUM** [Tetracoralla].
 — *minimum*. Stuckenberg. 3413.
 — *okensis*. Stuckenberg. 3413.
 — *trautscholdi*. Stuckenberg. 3413.
- MENOPHYLLUM** [Tetracoralla].
 — *ulrichanum*. Girty. 3001.
- MONTLIVAUCLIA** [Hexacoralla].
 — ? *deformata*. Missuna. 3199.
 — *piriformis*. Missuna. 3199.
- ORBICELLA** [Hexacoralla].
 — *humphreysi*. Felix. 2967.
 — *lyonsi*. Felix. 2967.
 — *theresiana*. Felix. 2966.
- PACHYPHYLLUM** [Tetracoralla].
 — *minutissimum*. Webster. 3468.
 — *woodmani* var. *gregarium* n. var. Webster. 3468.
 — — var. *ruddi* n. var. Webster. 3468.
- Physoseris** n. gen. [Hexacoralla].
 — Vaughan. 3446.
- Pseudozaphrentoides** n. gen. [Tetracoralla].
 — Stuckenberg. 3413.
 — *jeroftsevi*. Stuckenberg. 3413.
- Reticulograptus** n. gen. [Graptolitoidea].
 — Wiman. 3493.
- RHIPPIDOZYRA** [Hexacoralla].
 — *magna*. Missuna. 3199.
- ROMINGERIA** [Tabulata].
 — *trentonensis*. Weller. 3470.
- SCHIZOGRAPTUS** [Graptolitoidea].
 — *ambiguus*. Törnquist. 3429.
 — *rotans*. Törnquist. 3429.
- SOLENASTRAEA** [Hexacoralla].
 — *anomala*. Felix. 2967.
- STROMATOPORHELLA** [Stromatoporoidea].
 — *cracovianensis*. Gürich. 1.
- STYLINA** [Hexacoralla].
 — *compressa*. Missuna. 1.
- STRINGOPORA** [Tabulata].
 — *rossica*. Stuckenberg. 1.
- TETRAGRAPTUS** [Graptolitoidea].
 — *vestrogothus*. Törnquist. 3429.
- THECOSMILIA** [Hexacoralla].
 — *vaseiformis*. Missuna. 1.
- TRACHYPORA** [Tabulata].
 — *oriskania*. Weller. 34.
- ZAPHRENTIS** [Tetracoralla].
 — *amplexiformis*. Girty. 3017.
- ZAPHRENTOIDES** [Tetracoralla].
 — *metensis*. Stuckenberg. 1.
 — *tulensis*. Stuckenberg. 1.

1031 ECHINODERMATA.

- ARCHAEOCIDARIS** [Echinoidea].
 — *ourayensis*. Girty. 3001.
- CALCEOCHRINUS** [Crinoidea].
 — *alleni*. Rowley. 3329.
- CAMAROCHRINUS** [Crinoidea].
 — *ulrichi* var. *stellifer* n. Schuchert. 3360.
- CIDARIS** [Echinoidea].
 — *moravica*. Remeš. 330.
- CODASTER** [Blastoidea].
 — *attenuatus* var. *robustus* var. Rowley. Girty. 3017.
- CORDYLOCRINUS** [Crinoidea].
 — *dubius*. Rowley. 3329.
- CYATHOCRINUS** [Crinoidea].
 — *oralis*. Rowley. 3329.
- CYRTOCRINUS** [Crinoidea].
 — *digitatus*. Remeš. 330.
- FIBULARIA** [Echinoidea].
 — *voeltzkovi*. Törnquist. 1.
- Fibulina** n. gen. [Echinoidea].
 — quist. 3427.
 — *gracilis*. Törnquist. 1.
- GISSOCRINUS** [Crinoidea].
 — *problematicus*. Rowley. 3329.

- GLYPTOCRINUS** [Crinoidea].
 — *insperatus*. Rowley. 3329.
 — ? *var. carinatus* n. var.
 — Rowley. 3329.
 — *var. pentagonus* n. var.
 — Rowley. 3329.
- ICHTHYOCRINUS** [Crinoidea].
 — *magnaradialis*. Weller.
 — 3470.
- ISOCRINUS** [Crinoidea].
 — *holsaticus*. Jaekel. 3079.
- JAEKELOCYSTIS** [Cystoidea].
 — *atellana*. Schuchert. 3360.
 — *papillatus*. Schuchert. 3360.
- LAMPTEROCRINUS** [Crinoidea].
 — ? *comptus*. Rowley. 3369.
- LECANOCRINUS** [Crinoidea].
 — *hemisphericus*. Rowley.
 — 3369.
- LEPOCRINITES** [Cystoidea].
 — *manlius*. Schuchert. 3360.
- Maragnicrinus** n. gen. [Crinoidea].
 — Whitfield. 3477.
 — *portlandicus*. Whitfield.
 — 3477.
- MELOCRINUS** [Crinoidea].
 — *wittenbergensis*. Rowley.
 — 3369.
- NYMPHASTER** [Asteroidea].
 — *radatus*. Spencer. 3401.
- ORBITREMITES** [Blastoidea].
 — *grandis*. Rowley. Greene.
 — 3017.
 — *oppelti* n. sp. Rowley.
 — (Greene. 3017.
- PENTAOEROS** [Asteroidea].
 — *abbreviatus*. Spencer. 3401.
 — *bispinosus*. Spencer. 3401.
 — *punctatus*. Spencer. 3401.
- PENTACRINUS** [Crinoidea].
 — *icesbauri*. Rzehak. 3331.
- PENTAGONASTER** [Asteroidea].
 — *robustus*. Spencer. 3401.
- PENTREMITES** [Blastoidea].
 — *conoideus* var. *amplus* n. var.
 — Rowley. Greene. 3017.
 — *var. perlongus* n. var.
 — Rowley. Greene. 3017.
- PENTREMITIDEA** [Blastoidea].
 — *approximata*. Rowley.
 — Greene. 3017.
 — ? *dubia*. Rowley. Greene.
 — 3017.
 — *leda* ? var. *magna* n. var.
 — Rowley. Greene. 3017.
- PISOCRINUS** [Crinoidea].
 — *glabellus*. Rowley. 3369.
 — *granulosus*. Rowley. 3369.
- PSEUDOCIDARIS** [Echinoidea].
 — *ellenbecki*. Daqué. 2914.
- Pseudosaccocoma** n. gen. [Crinoidea].
 — Remeš. 3307.
 — *strambergensis*. Remeš. 3307.
- PSEUDOCRINITES** [Cystoidea].
 — *abnormalis*. Schuchert.
 — 3360.
 — *claypolei*. Schuchert. 3360.
 — *elongatus*. Schuchert. 3360.
 — *subquadratus*. Schuchert.
 — 3360.
- SCHIZASTER** [Echinoidea].
 — *hova*. Tornquist. 3427.
- SPHAERASTER** [Asteroidea].
 — *molassicus*. Schütze. 3363.
- SPHAEROCYSTITES** [Cystoidea].
 — *bloomfieldensis*. Schuchert.
 — 3360.
 — *globularis* var. *ovalis* n. var.
 — Schuchert. 3360.
- STIRECHINUS** [Echinoidea].
 — *suevicus*. Schütze. 3363.
- Sympterura** n. gen. [Ophiuroidea].
 — Bather. 2813.
 — *minveri*. Bather. 2813.
- Tetracystis** n. gen. [Cystoidea].
 — Schuchert. 3360.
 — *chrysalis*. Schuchert. 3360.
 — *fenestratus*. Schuchert. 3360.
- Trimerocystis** n. gen. [Cystoidea].
 — Schuchert. 3360.
 — *peculiaris*. Schuchert. 3360.

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- Torlessia** n. gen. Bather. 2814.
 — *mackayi*. Bather. 2814.

2031 BRACHIOPODA AND BRYOZOA.

- ACROTHELE** [Brachiopoda].
 — *matthevi* var. *eryz* n. var.
 — Walcott. 3452.
 — ? *minuta*. Walcott. 3451.
 — *rarus*. Walcott. 3451.
- ACROTHYRA** [Brachiopoda].
 — *minor*. Walcott. 3451.

AORISTRETA [Brachiopoda].

- *cancellata*. Walcott. 3451.
 — *eggegrundensis*. Wiman. 3494.
 — *emmonsii*. Walcott. 3451.
 — *liani*. Walcott. 3451.
 — *limbensis*. Wiman. 3494.
 — *neboensis*. Walcott. 3451.
 — *noz.* Walcott. 3451.
 — *pacifica*. Walcott. 3451.
 — *shantungensis*. Walcott. 3451.
 — *spinosa*. Walcott. 3451.
 — *uplandica*. Wiman. 3494.

Alloemema n. gen. [Bryozoa]. Ulrich

- and Bassler. 3439.
 — *botelloides*. Ulrich and Bassler. 3439.
 — *minimum*. Ulrich and Bassler. 3439.
 — *monodiforme* var. *aggregatum* n. var. Ulrich and Bassler. 3439.
 — *subfusiforme*. Ulrich and Bassler. 3439.
 — *waldronensis*. Ulrich and Bassler. 3439.

AMBODOFFIA [Brachiopoda].

- *carbonaria*. Hind. 3047.

AMPLEXOPORA [Bryozoa].

- *ampla*. Ulrich and Bassler. 3440.
 — *columbiana*. Ulrich and Bassler. 3440.
 — *cylindracea*. Ulrich and Bassler. 3440.

Anaphragma n. gen. [Bryozoa]. Ulrich

- and Bassler. 3440.
 — *mirabile*. Ulrich and Bassler. 3440.

ASCODICTYON [Bryozoa].

- *florale*. Ulrich and Bassler. 3439.
 — *parvulum*. Ulrich and Bassler. 3439.
 — *sparsum*. Ulrich and Bassler. 3439.

ATACTOPORA [Bryozoa].

- *angularis*. Ulrich and Bassler. 3440.

BERENICEA [Bryozoa].

- *somalica*. Daqué. 2914.

BILLINGSSELLA [Brachiopoda].

- *anomala*. Walcott. 3451.
 — ? *appalachia*. Walcott. 3451.
 — *dice*. Walcott. 3451.

BILLINGSSELLA [Brachiopoda].

- *capitata* var. *rugosa* n. var. Walcott. 34
 — *harlemensis*. Walcott. 3451.
 — *major*. Walcott. 3451.
 — *obovata*. Walcott. 3451.
 — *placatella*. Walcott. 3451.
 — *pungentia*. Walcott. 3451.
 — *richthofeni*. Walcott. 3451.
 — *saundersi*. Walcott. 3451.
 — *striata*. Walcott. 3451.

BOCKMANNIA [Brachiopoda].

- *rhinoida*. Hutton. 307.

CADONELLA [Brachiopoda].

- *quasitesti*. Rea. 3291.

Calliopterus n. gen. [Bryozoa]. Ul

- and Bassler. 3440.
 — *parva*. Ulrich and Bassler. 3440.

CANARELLA [Brachiopoda].

- *isornata*. Weller. 347.
 — *törquisti*. Wiman. 34.

CANSONA n. gen. [Brachiopoda]. 3494

- *formosa*. Wiman. 349.

CENTRONELLA [Brachiopoda].

- ? *biplicata*. Weller. 34.
 — ? *subrhomboides*. Weller. 3470.

CONSTELLARIA [Bryozoa].

- *florida* var. *emaciata* n. Ulrich and Bassler. 3.
 — *teres*. Ulrich and Bassler. 3440.

CRANAENA [Brachiopoda].

- *subelliptica* var. *hardingei* n. var. Girty. 3001.

CRANIA [Brachiopoda].

- *tetrica*. Böhm. 2840.
 — *turnbulli*. Reed. 3297.

CRISINELLA [Bryozoa].

- *oculensis*. Wiman. 349.

Curticia n. gen. [Brachiopoda]. Wal

3451.
 — *elegantula*. Walcott. 3.

Cyphotrypa n. gen. [Bryozoa]. Ul

- and Bassler. 3440.
 — *frankfortensis*. Ulrich and Bassler. 3440.
 — *wilmingtonensis*. Ulrich and Bassler. 3440.

CYRTINA [Brachiopoda].

- *magnaplicata*. Weller. 3.

DALMANELLA [Brachiopoda].

- *postelegantula*. Weller. 3.

- DEKAYELLA** [Bryozoa].
 — *foliacea*. Ulrich and Bassler. 3440.
- DICELLOMUS** [Brachiopoda].
 — *appalachia*. Walcott. 3451.
 — *parvus*. Walcott. 3451.
- DIDYMOSPIRA** [Brachiopoda].
 — *octoplicata*. Philipp. 3281.
 — *pachygaster*. Philipp. 3281.
 — *salomoni*. Philipp. 3281.
- DISCINA** [Brachiopoda].
 — *barentsi*. Böhm. 2840.
 — *loeschmanni*. Noetling. 3232.
- ELKANIA** [Brachiopoda].
 — *bellula*. Walcott. 3451.
- EOSTROPHOMENA** n. subgen. [Brachiopoda]. Walcott. 3451.
- ESCHAROPOBA** [Bryozoa].
 — *siluriana*. Weller. 3470.
- EUDESIA** [Brachiopoda].
 — *zitteli*. Krumbeck. 3128.
- FINKELNBURGIA** n. subgen. [Brachiopoda]. Walcott. 3451.
- GLAUCONOME** [Bryozoa].
 — *plumula*. Wiman. 3493.
- GYPIDULA** [Brachiopoda].
 — *angulata*. Weller. 3470.
- HETERONEMA** n. gen. [Bryozoa]. Ulrich and Bassler. 3439.
 — *capillare*. Ulrich and Bassler. 3439.
 — *carbonarium*. Ulrich and Bassler. 3439.
 — ? *contextum*. Ulrich and Bassler. 3439.
- HETEROTRYPA** [Bryozoa].
 — *parvulipora*. Ulrich and Bassler. 3440.
- HOMOTRYPELLA** [Bryozoa].
 — *nodosa*. Ulrich and Bassler. 3440.
- HYATTELLA** [Brachiopoda].
 — *lamellosa*. Weller. 3470.
- IPHIDELLA** n. gen. [Brachiopoda]. Walcott. 3451.
 — *labradorica* var. *orientalis* n. var. Walcott. 3451.
 — *labradorica* var. *utahensis* n. var. Walcott. 3451.
 — *major*. Walcott. 3451.
 — *nissus*. Walcott. 3451.
 — *pannula* var. *maladensis* n. var. Walcott. 3451.
 — *pannula* var. *ophirensis* n. var. Walcott. 3451.
- JAMESELLA** n. subgen. [Brachiopoda]. Walcott. 3451.
- KINGENA** [Brachiopoda].
 — *latifrons*. Krumbeck. 3128.
 — *triangularis*. Krumbeck. 3128.
- KUTOBGINA** [Brachiopoda].
 — *perugata*. Walcott. 3451.
 — *sardiniaensis*. Walcott. 3451.
- LINGULA** [Brachiopoda].
 — *bottnica*. Wiman. 3494.
 — *yarraensis* n. nom. Chapman. 2887.
- LIOCLEMA** [Bryozoa].
 — *monroei*. Ulrich and Bassler. 3440.
- LOPERIA** n. subgen. [Brachiopoda]. Walcott. 3451.
- MAGELLANIA** [Brachiopoda].
 — *parki*. Hutton. 3072.
- MARGINIFERA** [Brachiopoda].
 — *haydenensis*. Girty. 3001.
 — *ingrata*. Girty. 3001.
- MESOTRYPA** [Bryozoa].
 — *angularis*. Ulrich and Bassler. 3440.
 — *echinata*. Ulrich and Bassler. 3440.
- METAPLASIA** [Brachiopoda].
 — *plicata*. Weller. 3470.
- MONOTRYPA** [Bryozoa].
 — *corrugata*. Weller. 3470.
 — *globosa*. Weller. 3470.
- MONTICULIPORA** [Bryozoa].
 — *epidermata*. Ulrich and Bassler. 3440.
- NISUSIA** n. gen. [Brachiopoda]. Walcott. 3451.
 — *amii*. Walcott. 3451.
 — *argenta*. Walcott. 3451.
 — *erecta*. Walcott. 3451.
 — *utahensis*. Walcott. 3451.
- OBOLELLA** [Brachiopoda].
 — *asiatica*. Walcott. 3451.
- OBOLUS** [Brachiopoda].
 — *acadica*. Walcott. 3451.
 — *alandensis*. Walcott. 3451.
 — *baltica*. Walcott. 3451.
 — *blackwelderi*. Walcott. 3451.
 — *chinensis*. Walcott. 3451.
 — *damesi*. Walcott. 3451.
 — *eros*. Walcott. 3451.
 — *iphis*. Walcott. 3451.
 — *ismene*. Walcott. 3451.

- RHUPIDOMELLA** [Brachiopoda].
 — *preoblata*. Weller. 3470.
- Rhombotrypa** n. gen. [Bryozoa].
 — Ulrich and Bassler. 3440
- RHOPALONARIA** [Bryozoa].
 — *attenuata*. Ulrich and Bassler. 3439.
 — *keokukensis*. Ulrich and Bassler. 3439.
 — *medialis*. Ulrich and Bassler. 3439.
 — *robusta*. Ulrich and Bassler. 3139.
 — *tenuis*. Ulrich and Bassler. 3439.
- RHYNCHONELLA** [Brachiopoda]. *agglomerata*. Weller. 3470.
 — *aliena*. Rau. 3291.
 — *breviplicata*. Weller. 3470.
 — *buckmani*. Upton. 3441.
 — *caressae*. Philipp. 3281.
 — *deckerensis*. Weller. 3470.
 — *drusorum*. Krumbeck. 3128.
 — *granulata*. Upton. 3441.
 — *krammi* n. form. Benecke. 2820.
 — *persinuata*. Rau. 3291.
 — *richthofeni*. Philipp. 3281.
 — *rothpletzi*. Dacqué. 2914.
 — *somalica*. Dacqué. 2914.
 — *suessi*. Philipp. 3281.
 — *variabilis* mut. *major* n. mut. Rau. 3291.
 — — — *mut. minor* n. mut. Rau. 3291.
- RHYNCHOPORA** [Brachiopoda].
 — *beecheri*. Greger. 3019.
- RHYNCHOTRETA** [Brachiopoda].
 — *transversa*. Weller. 3470.
- Rustella** n. gen. [Brachiopoda]. Walcott. 3451.
 — *edsoni*. Walcott. 3451.
- SCHIZOPHORIA** [Brachiopoda].
 — *bisinuata*. Weller. 3470.
- Schuchertina** n. gen. [Brachiopoda].
 — Walcott. 3451.
 — *cambria*. Walcott. 3451.
- SKENIDIUM** [Brachiopoda].
 — ? *notocostatum*. Rowley. 3369.
- SPIRIFER** [Brachiopoda].
 — *howitti*. Chapman. 2887.
 — *nearpasi*. Weller. 3470.
 — *vanuxemi* var. *minor* n. var. Weller. 3470.
- SPIRIFERINA** [Brachiopoda].
 — *lundströmi*. Böhm. 2840.
 — *lundgreni*. Böhm. 2840.
- SPIRIGERA** [Brachiopoda].
 — *wissmanni* var. *angulata* n. var. Philipp. 3281.
- Stigmatella** n. gen. [Bryozoa].
 — Ulrich and Bassler. 3440.
 — *crenulata*. Ulrich and Bassler. 3440.
 — *interporosa*. Ulrich and Bassler. 3440.
 — *nana*. Ulrich and Bassler. 3440.
 — *nicklesi*. Ulrich and Bassler. 3440.
 — *personata*. Ulrich and Bassler. 3440.
 — *spinosa*. Ulrich and Bassler. 3440.
- STOMATOPORA** [Bryozoa].
 — *gregoryi*. Lang. 3134.
 — *richardsoni*. Lang. 3134.
- STROPHEODONTA** [Brachiopoda].
 — *argentina*. Thomas. 3416.
- STROPHOMENA** [Brachiopoda].
 — *elegantula*. Walcott. 3451.
 — ? *mediocostalis*. Reed. 3297.
- Swantonina** n. gen. [Brachiopoda].
 — Walcott. 3451.
 — *iceksi*. Walcott. 3451.
- SYNTROPHIA** [Brachiopoda].
 — *abnormis*. Walcott. 3451.
 — *alata*. Walcott. 3451.
 — *billingsi*. Walcott. 3451.
 — *nundina*. Walcott. 3451.
 — *orientalis*. Walcott. 3451.
 — *orthia*. Walcott. 3452.
 — *primordialis* var. *argia* n. var. Walcott. 3451.
 — *rotundata*. Walcott. 3451.
 — *tezana*. Walcott. 3451.
 — — — var. *laeviusculus* n. var. Walcott. 3451.
- TERENRATTELLA** [Brachiopoda].
 — *kakanuiensis*. Hutton. 3072.
 — *neglecta*. Hutton. 3072.
 — *oamarutica*. Boehm. 2836.
- TERENRATULA** [Brachiopoda].
 — *asiatica*. Krumbeck. 3128.
 — *beirutiana*. Krumbeck. 3128.
 — *curtirostris*. Krumbeck. 3128.
 — *degenerata*. Upton. 3441.
 — *longisinuata*. Krumbeck. 3128.

- TEREBRATULA** [Brachiopoda].
 — *margaritati*. Rau. 3291.
 — *mutilata*. Upton. 3441.
 — *oamarutica*. Boehm. 2836.
 — *phoeniciana*. Krumbeck. 3128.
 — *sannina*. Krumbeck. 3128.
 — *solidorostris*. Rau. 3291.
 — *spinati*. Rau. 3291.
 — *teres*. Böhm. 2840.
TEREBRATULINA [Brachiopoda].
 — *oamarutica*. Boehm. 2836.
THAMNISCUS [Bryozoa].
 — *oroceus*. Wiman. 3493.
THECIDEA [Brachiopoda].
 — *parva*. Rau. 3291.
TREMATIS [Brachiopoda].
 — *multistriata*. Reed. 3297.
VINELLA [Bryozoa].
 — ? *multiradiata*. Ulrich and Baseler. 3440.
WALDHEIMIA [Brachiopoda].
 — *conocollia*. Rau. 3291.
 — *schlosseri*. Daqué. 2914.
WILSONIA [Brachiopoda].
 — *globosa*. Weller. 3470.
ZYGOSPIRA [Brachiopoda].
 — *hicksi*. Reed. 3297.
- 2231 MOLLUSCA.**
ACANTHOCERAS [Cephalopoda].
 — *palaestinense*. Blanckenhorn. 2831.
 — *pfeili*. Walther. 3454.
Acanthopecten n. subgen. [Pelecypoda].
 Girty. 3001.
ACVAEA [Gastropoda].
 — *cerrillosensis*. Johnson. 3094.
ACME [Gastropoda].
 — *callosiuscula*. Andreae. 2790.
ACTEONINA [Gastropoda].
 — *elongata*. Blake. 2830.
ACTINOPTERIA [Pelecypoda].
 — *reticulata*. Weller. 3470.
 — *sola*. Clarke. 2895.
ADMETOPSIS [Gastropoda].
 — ? *elevata*. Johnson. 3094.
ALABIA [Gastropoda].
 — *bicornis*. Blake. 2830.
 — *palmata*. Blake. 2830.
- ALCOOLYTOCERAS** [Cephalopoda].
 — *pumpellgi* n. n. n. n. 2870.
AMALIA [Pelecypoda].
 — *oppelesensis*. Anderson.
AMAUROPHUS [Gastropoda].
 — *aboti*. Blumhagen. 1
AMUSUM [Pelecypoda].
 — *papilliferum*. Clark.
ANISOCARDIA [Pelecypoda].
 — *magori*. Oppenheim.
ANOPARA [Pelecypoda].
 — *verbeski*. Boehm. 1
 — *windhouseni*. Boehm.
ANOPLOPHORA [Pelecypoda].
 — *ephippium*. Böhm.
ANTHRAOCHIA [Pelecypoda].
 — ? *fritschii*. Schmidt.
APHILLITES [Cephalopoda].
 — *freshi*. Tokarensko.
APTIXIELLA [Gastropoda].
 — *lineata*. Blake. 283
ARCA [Pelecypoda].
 — *blanfordi*. Newton.
 — *figari*. Oppenheim.
 — *madridensis*. Johnson.
 — *russegeri*. Oppenheim. 3243.
 — *saidensis*. Oppenheim.
 — *subplanicosta*. Oppenheim. 3243.
 — *tethys*. Oppenheim.
 — *turnbulli*. Reed. 3243.
 — *uniformis*. Oppenheim. 3243.
ASHMUNELLA [Gastropoda].
 — *thompsoniana*: *pecosensis* subsp. Cockerell.
Asmunda n. subgen. [Gastropoda].
 Dall and Bartsch. 1
ASPIDOCERAS [Cephalopoda].
 — *argobae*. Daqué. 2
 — *irregulare*. Daqué.
 — *somalicum*. Daqué.
 — *supraspinosum*. Daqué. 2014.
ASTARTE [Pelecypoda].
 — *lotharingea* n. Benecke. 2820.
 — *nicklei* n. form. Ben. 2820.
AUCELLA [Pelecypoda].
 — *strongi*. Johnson. 304

- AVICULA** [Pelecypoda].
 — *bittneri*. Böhm. 2840.
 — *mulatae*. Dacqué. 2914.
 — *torelli*. Böhm. 2840.
AVICULOPECTEN [Pelecypoda].
 — *janischevskyi*. Tokarenko. 3419.
 — *tenuistriatus*. Böhm. 2840.
BADIOTELLA [Pelecypoda].
 — *excellens*. Philipp. 3281.
BAKEWELLIA [Pelecypoda].
 — *ursina*. Böhm. 2840.
Baldra n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
BELEMNITES [Cephalopoda].
 — *abeli*. Vettors. 3450.
 — *fellabrunnensis*. Vettors. 3450.
 — *minaretoides*. Vettors. 3450.
 — *redivivus*. Blake. 2830.
BELLEROPHON [Gastropoda].
 — *denckmanni*. Clarke. 2895.
 — *koeneni*. Clarke. 2895.
BEMBEXIA [Gastropoda].
 — *groomi*. Donald. 2931.
Besla n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
BITTIUM [Gastropoda].
 — *pingue*. Blake. 2830.
BOCHIANITES [Cephalopoda].
 — *versteeghi*. Boehm. 2835.
 — *weteringi*. Boehm. 2835.
BUCHIOLA [Pelecypoda].
 — *angolensis*. Clarke. 2895.
 — *conversa*. Clarke. 2895.
 — *halli*. Clarke. 2895.
 — *? litoniae*. Clarke. 2895.
 — *lupina*. Clarke. 2895.
 — *scabrosa*. Clarke. 2895.
 — *stuprosa*. Clarke. 2895.
BULIMORPHA [Gastropoda].
 — *? helderbergiae*. Weller. 3470.
CADOCERAS [Cephalopoda].
 — *breve*. Blake. 2830.
Caducifer n. sect. [Gastropoda].
 — Dall. 2918.
Callolongchaeus n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
CALLONEMA [Gastropoda].
 — *filosum*. Clarke. 2895.
CALYPTRAEA [Gastropoda].
 — *nigeriensis*. Newton. 3226.
CAMPANILE [Gastropoda].
 — *somaliensis*. Newton. 3225.
CANCELLARIA [Gastropoda].
 — *bifoliata*. Aldrich. 2782.
CAPULUS [Gastropoda].
 — *bilateralis*. Blaschke. 2832.
CARDIOMORPHA [Pelecypoda].
 — *obliquata*. Clarke. 2895.
CARDITA [Pelecypoda].
 — *blanchenhorni*. Oppenheim. 3243.
 — *canis*. Oppenheim. 3243.
 — *chmeietensis*. Oppenheim. 3243.
 — *fajumensis*. Oppenheim. 3243.
 — *fraasi*. Oppenheim. 3243.
 — *hofana*. Oppenheim. 3243.
 — *lalemarensis*. Philipp. 3281.
 — *mokattamensis*. Oppenheim. 3243.
 — *mosis*. Oppenheim. 3243.
 — *neutoni*. Oppenheim. 3243.
 — *parozyla*. Oppenheim. 3243.
 — *pharaonum*. Oppenheim. 3243.
 — *russeggeri*. Oppenheim. 3243.
 — *sanurensis*. Oppenheim. 3243.
 — *schuueinfurthi*. Oppenheim. 3243.
CARDIUM [Pelecypoda].
 — *desertorum*. Oppenheim. 3243.
 — *melvilli*. Newton. 3223.
CARINAROPSIS [Gastropoda].
 — *ithagenia*. Clarke. 2895.
CARYCHIUM [Gastropoda].
 — *bermudense*. Gulick. 3024.
CASSIANELLA [Pelecypoda].
 — *ecki*. Böhm. 2837.
 — *rosenbuschi*. Philipp. 3281.
 — *tectiformis*. Böhm. 2840.
CATULLOERAS [Cephalopoda].
 — *psammium*. Buckman. 2871.
CERATITES [Cephalopoda].
 — *rombergi*. Philipp. 3281.
CERITHINELLA [Gastropoda].
 — *biserialis*. Blake. 2830.
CERITHIUM [Gastropoda].
 — *dichachondratum* n. nom. Deninger. 2928.

- [illegible]

- DUMORTIERA** [Cephalopoda].
 — *exigua*. Buckman. 2871.
 — *explanata*. Buckman. 2871.
 — *inclusa*. Buckman. 2871.
 — *kochi*. Benecke. 2820.
 — *lata*. Buckman. 2871.
 — *linearis*. Buckman. 2871.
 — *multicostata*. Buckman. 2871.
 — *mutans*. Buckman. 2871.
 — *nicklesi* n. nom. Benecke. 2820.
 — *novata*. Buckman. 2871.
 — *pauciseptata*. Buckman. 2871.
 — *regularis*. Buckman. 2871.
 — *subfasciata*. Buckman. 2871.
 — *subsolaris*. Buckman. 2871.
 — *tabulata*. Buckman. 2871.
- ECOTYLIONPHALUS** [Gastropoda].
 — *subelliptica*. Weller. 3470.
- EDMONDIA** [Pelecypoda].
 — *? deckerensis*. Weller. 3470.
- Egila** n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
- Elasmatium** n. gen. [Pelecypoda].
 — Clarke. 2895.
 — *goicandense*. Clarke. 2895.
- EMMERICIA** [Gastropoda].
 — *francofurtana* n. form. Boettger. 2841.
- ENDOCOSTEA** [Pelecypoda].
 — *brooksi*. Johnson. 3094.
- Entogonites** n. nom. [Cephalopoda].
 — Kittl. 3112.
- EUONULUS** [Gastropoda].
 — *turbinatus*. Gulick. 3024.
- Eugyrina** n. nom. [Gastropoda].
 — Dall. 2918.
- EULIMA** [Gastropoda].
 — *extricata*. Blake. 2830.
 — *lachryma*. Blake. 2830.
- EUMORPHOTIS** [Pelecypoda].
 — *artus*. Böhm. 2840.
 — *vagans*. Böhm. 2840.
 — *variabilis*. Böhm. 2840.
- EUOMPHALUS** [Gastropoda].
 — *planus*. Read. 3292.
- Evalina** n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
- FASCIOLARIA** [Gastropoda].
 — *crookiana*. Whitfield. 3478.
- FISSURIDEA** [Gastropoda].
 — *infrequens*. Aldrich. 2782.
- Floyda** n. gen. [Gastropoda]. Webster. 3465.
 — *concentrica*. Webster. 3465.
- Folinella** n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
- FONTANNESIA** [Cephalopoda].
 — *aurita*. Buckman. 2871.
 — *concentrica*. Buckman. 2871.
 — *despecta*. Buckman. 2871.
 — *obruta*. Buckman. 2871.
- Frombachia** n. gen. [Gastropoda].
 — Blaschke. 2832.
 — *uhligi*. Blaschke. 2832.
- GERVILLEIA** [Pelecypoda].
 — *bennetti*. Böhm. 2840.
 — *? ferruginea*. Benecke. 2820.
 — *loevenighi*. Böhm. 2840.
 — *nordenskiöldii*. Böhm. 2840.
 — *spinosa*. Linstow. 3148.
 — *trigona*. Yokoyama. 3519.
- GLYPHIOCERAS** [Cephalopoda].
 — *divaricatum*. Hind. 3047.
- GONIOSTROPHIA** [Gastropoda].
 — *cambria*. Donald. 2931.
- GONODON** [Pelecypoda].
 — *modestus*. Böhm. 2840.
- GRYPHAEA** [Pelecypoda].
 — *gregoryi*. Newton. 3225.
 — *keilhau*. Böhm. 2840.
 — *pharaonum*. Oppenheim. 3243.
 — *skuld*. Böhm. 2840.
- Haldra** n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
- Hallotimorpha** n. gen. [Gastropoda].
 — Blaschke. 2832.
 — *dieneri*. Blaschke. 2832.
- HAMMATOCERAS** [Cephalopoda].
 — *lotharingicum*. Benecke. 2820.
- HARPOCERAS** [Cephalopoda].
 — *accrescens*. Wunstorf. 3517.
 — *dispanisforme*. Wunstorf. 3517.
 — *grandjeani* n. form. Benecke. 2820.
 — *hinsbergi* n. form. Benecke. 2820.
 — *ikianum*. Yokoyama. 3519.
 — *subfalciferum*. Wunstorf. 3517.
- Heida** n. subgen. [Gastropoda].
 — Dall and Bartsch. 2919.
- HELICOCRYPTUS** [Gastropoda].
 — *oreus*. Blake. 2830.

- HETEROGYRA** [Gastropoda].
 — *kokeni*. Blaschke. 2832.
- HILDOCEBAS** [Cephalopoda].
 — *comense* var. *evoluta* n. var.
 Renz. 3313.
 — — var. *multicostata* n. var.
 Renz. 3313.
 — — *mercati* var. *hellenica* n. var.
 Renz. 3313.
- HIMALAYITES** [Cephalopoda].
 — *nederburgi*. Boehm. 2835.
 — *treubi*. Boehm. 2835.
- HOLOGYRA** [Gastropoda].
 — *ripitensis*. Blaschke. 2832.
 — *techapitana*. Blaschke. 2832.
- HOMOMYA** [Pelecypoda].
 — *forebergi*. Böhm. 2840.
- HOMOCYCA** n. gen. [Pelecypoda]. Clarke.
 2895.
 — *desmata*. Clarke. 2895.
 — *erinacea*. Clarke. 2895.
 — *major*. Clarke. 2895.
 — *simplex*. Clarke. 2895.
 — *styliophila*. Clarke. 2895.
- HOPLITES** [Cephalopoda].
 — *aseeni*. Boehm. 2835.
 — *rooseboomi*. Boehm. 2835.
- HYDATINA** [Gastropoda].
 — *limitata*. Blake. 2830.
 — *magnifica*. Blake. 2830.
- HYGROMIA** [Gastropoda].
 — *neudorfensis*. Andreae. 2790.
- HYOLITHES**
 — *cybele*. Walcott. 3452.
 — *daphnis*. Walcott. 3452.
 — *delia*. Walcott. 3452.
- INOCERAMUS** [Pelecypoda].
 — *frechi*. Flegel. 2972.
 — *glatziae*. Flegel. 2972.
 — *irregularis*. Johnson. 3094.
- Iphiana** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- ISOCARDIA** [Pelecypoda].
 — *eljasensis*. Krumbeck. 3128.
 — *voraz*. Oppenheim. 3243.
- Ividia** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- KOOHIA** [Pelecypoda].
 — *ungula*. Clarke. 2895.
- KOOHITES** [Cephalopoda].
 — ? *staffi*. Prinz. 3289.
- Lanceolla** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- LATIRUS** [Gastropoda].
 — *elaboratus*. Aldrich. 2782.
- LEDA** [Pelecypoda].
 — *medusa*. Borisiak. 2843.
 — *prendeli*. Andrusov. 2794.
- LEPETOPSIS** [Gastropoda].
 — *aspera*. Blaschke. 2832.
 — *zitteli*. Blaschke. 2832.
- LEPTODOMUS** [Pelecypoda].
 — *interplicatus*. Clarke. 2895.
 — *multiplex*. Clarke. 2895.
- LIMA** [Pelecypoda].
 — *acutirostris*. Krumbeck.
 3128.
 — *biarata*. Böhm. 2840.
 — *coelestini*. Oppenheim. 3243.
 — *costicillata*. Petrascheck.
 3280.
 — *densistriata*. Krumbeck.
 3128.
 — *ferruginea*. Benecke. 2820.
 — *harmonis*. Dequé. 2914.
 — *informis*. Krumbeck. 3128.
 — *libanensis*. Krumbeck. 3128.
 — *mokattamensis*. Oppenheim.
 3243.
 — *ramosa*. Oppenheim. 3243.
 — *ripi*. Böhm. 2840.
 — *schrovinfurthi*. Oppenheim.
 3243.
 — *striatoides*. Böhm. 2840.
 — *sublaeviuscula*. Krumbeck.
 3128.
 — *suenanderi*. Böhm. 2840.
 — *senobiae*. Krumbeck. 3128.
- LIMAX** [Gastropoda].
 — *ezzevatus*. Andreae. 2790.
- LIMOPSIS** [Pelecypoda].
 — *thebaica*. Oppenheim. 3243.
- LIOTINA** [Gastropoda].
 — *somaliensis*. Newton. 3225.
- LITHODOMUS** [Pelecypoda].
 — *fraasi*. Oppenheim. 3243.
 — *inustus*. Oppenheim. 3243.
 — *loroli*. Krumbeck. 3128.
 — *mokattamensis*. Oppenheim.
 3243.
 — *sumoffeni*. Krumbeck. 3128.
- LITTORINA** [Gastropoda].
 — *pectinata* n. nom. Deninger.
 2924.
- LOXONEMA** [Gastropoda].
 — *danai*. Clarke. 2895.
 — *grindrodi*. Donald. 2930.
 — *jerseyensis*. Weller. 3470.

LOXONEMA [Gastropoda].

- *multiplicatum*. Clarke. 2895.
 — *netschaewi*. Tokarenko. 3419.
 — *pseudofasciatum*. Donald. 2930.

LOXOPTERIA [Pelecypoda].

- *corrugata*. Clarke. 2895.
 — *intumescentis*. Clarke. 2895.
 — *vasta*. Clarke. 2895.

LUCINA [Pelecypoda].

- *blanckenhorni*. Oppenheim. 3243.
 — *calliste*. Oppenheim. 3243.
 — *corpusculum*. Oppenheim. 3243.
 — *daedalea*. Oppenheim. 3243.
 — *edita*. Oppenheim. 3243.
 — *fajumensis*. Oppenheim. 3243.
 — *fourtaui*. Oppenheim. 3243.
 — *immanis*. Oppenheim. 3243.
 — *mokattamensis*. Oppenheim. 3243.
 — *nokbaensis*. Oppenheim. 3243.
 — *polythele*. Oppenheim. 3243.
 — *qurnaensis*. Oppenheim. 3243.
 — *rai*. Oppenheim. 3243.
 — *sesostriidis*. Oppenheim. 3243.
 — *sub-caillati*. Oppenheim. 3243.

LUNULICARDIUM [Pelecypoda].

- *absegmen*. Clarke. 2895.
 — *accola*. Clarke. 2895.
 — *beushauseni*. Clarke. 2895.
 — *clymeniae*. Clarke. 2895.
 — *encrinitum*. Clarke. 2895.
 — *enode*. Clarke. 2895.
 — *eriense*. Clarke. 2895.
 — *finitimum*. Clarke. 2895.
 — *furcatum*. Clarke. 2895.
 — *hemiacardioides*. Clarke. 2895.
 — *libum*. Clarke. 2895.
 — *parunculus*. Clarke. 2895.
 — *pilosum*. Clarke. 2895.
 — *sodale*. Clarke. 2895.
 — *suppar*. Clarke. 2895.
 — ? *transversale*. Clarke. 2895.
 — *velatum*. Clarke. 2895.
 — *viscosenae*. Clarke. 2895.

Lysacme n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

MACROCHILINA [Gastropoda].

- *pygmaea*. Clarke. 2895.
 — *seneca*. Clarke. 2895.

MACRODON [Pelecypoda].

- *buchi*. Böhm. 2840.
 — *dunéri*. Böhm. 2840.
 — *rufae*. Dacqué. 2914.

MACROCEPHALITES [Cephalopoda].

- *huddlestoni*. Blake. 2830.
 — *typicus*. Blake. 2830.

MACTRA [Pelecypoda].

- *mekranensis*. Newton. 3223.

Maculotriton n. sect. [Gastropoda].

Dall. 2918.

MAGILUS [Gastropoda].

- *grandis*. Tornquist. 3427.

MEGALODON [Pelecypoda].

- *pooli*. Böhm. 2840.
 — *rotundatus*. Böhm. 2840.

Megalytoceras n. gen. [Cephalopoda].

Buckman. 2870.

MEGAMBONIA [Pelecypoda].

- *parva*. Weller. 3470.

MELANOPSIS [Gastropoda].

- *mucronifera*. Kormos. 3125.
 — *sublanceolata*. Kormos. 3125.
 — *szontlaghi*. Kormos. 3125.

Milda n. subgen. [Gastropoda].

Dall and Bartsch. 2919.

MITRA [Gastropoda].

- *hectari*. Hutton. 3071.

MODIOLA [Pelecypoda].

- *amphitrite*. Krumbeck. 3128.
 — *kochi* n. form. Benecke. 2820.
 — *subangustissima*. Dacqué. 2914.

MODIOLARIA [Pelecypoda].

- *fraasi*. Oppenheim. 3243.

MODIOLOPSIS [Pelecypoda].

- *depressa*. Weller. 3470.
 — *jerseyensis*. Weller. 3470.
 — *martini*. Reed. 3297.
 — *subgradata*. Reed. 3297.

Monostiolum n. sect. [Gastropoda].

Dall. 2918.

MURCHISONIA [Gastropoda].

- *devonica*. Tokarenko. 3419.
 — *karpinskii*. Tokarenko. 3419.
 — *tschernyschewi*. Tokarenko. 3419.

MYOPHORIA [Pelecypoda].

- *urd*. Böhm. 2840.

MYSIDIOPTERA [Pelecypoda].

- *buchi*. Böhm. 2840.

- MYTILARCA** [Pelecypoda].
 ——— *obliqua*. Weller. 3470.
- MYTILUS** [Pelecypoda].
 ——— *alatus*. Krumbeck. 3128.
 ——— *antonii*. Oppenheim. 3243.
 ——— *cleopatrae*. Oppenheim. 3243.
 ——— *diepenheimi*. Boehm. 2835.
 ——— *eduliformis*. Benecke. 2820.
 ——— *thebicus*. Oppenheim. 3243.
- Nannolytoceras** n. gen. [Cephalopoda].
 Buckman. 2870.
- Nathorstites** n. gen. [Cephalopoda].
 Böhm. 2840.
 ——— *globosus*. Böhm. 2840.
 ——— *lindeströmi*. Böhm. 2840.
 ——— *mojszarovi*. Böhm. 2840.
- NATICA** [Gastropoda].
 ——— *dido*. Krumbeck. 3128.
 ——— *mylitta*. Krumbeck. 3128.
 ——— *placensis* n. nom. Deninger. 2924.
- NATICOPSIS** [Gastropoda].
 ——— *magnifica*. Welster. 3467.
 ——— *uralica*. Tokarenko. 3419.
- NAUTILUS** [Cephalopoda].
 ——— *bisulcatus*. Dacqué. 2914.
 ——— *emianus*. Dacqué. 2914.
 ——— *turcius*. Krumbeck. 3128.
- NEPTUNEA** [Gastropoda].
 ——— *lurrousi*. Newton. 3223.
- NERINAEA** [Gastropoda].
 ——— *dimitrata*. Blake. 2830.
- NERINEA** [Gastropoda].
 ——— *maroni*. Krumbeck. 3128.
 ——— *pauiplicata*. Krumbeck. 3128.
 ——— *segostris*. Krumbeck. 3128.
- NERITA** [Gastropoda].
 ——— *litoralis*. Krumbeck. 3128.
- NERITINA** [Gastropoda].
 ——— *oxotropicht*. Andrusov. 2794.
- Nipponites** n. gen. [Cephalopoda].
 Yabe. 3518.
 ——— *mirabilis*. Yabe. 3518.
- NUCULA** [Pelecypoda].
 ——— ? *circuliformis*. Borisiak. 2843.
 ——— *kowalewskensis*. Borisiak. 2843.
 ——— *lola*. Borisiak. 2843.
 ——— *maga*. Borisiak. 2843.
 ——— *moerdis*. Oppenheim. 3243.
 ——— *nina*. Borisiak. 2843.
 ——— *gana*. Borisiak. 2843.
- NUCULA** [Pelecypoda].
 ——— ? *symmetrica*. Bor. 2843.
 ——— *taliabutica*. Boehm. 2843.
 ——— *triangularis*. Böhm. 2843.
- OPOSTOMIA** [Gastropoda].
 ——— *callipyrga* n. nom. Dall and Bartsch. 21.
- OENOTRAUSTES** [Cephalopoda].
 ——— *costiger*. Buckman. 2.
 ——— *nodifer*. Buckman. 2.
- ONTARIA** n. gen. [Pelecypoda]. Cl. 2895.
 ——— *accincta*. Clarke. 289.
 ——— *affiliata*. Clarke. 289.
 ——— *halli*. Clarke. 2895.
- ONUSTUS** [Gastropoda].
 ——— *dezonicus*. Tokarenko. 2.
- Onychocardium** n. gen. [Pelecypoda].
 Whitfield. 3477.
 ——— *portlandicum*. Whitfield. 3477.
- Onychoceras** n. gen. [Cephalopoda].
 Wunstorf. 3517.
 ——— *diferens*. Wunstorf. 3.
- Orinella** n. subgen. [Gastropoda].
 Dall and Bartsch. 29.
- ORTHOCERAS** [Cephalopoda].
 ——— *acutum*. Hind. 3047.
 ——— *pontica*. Clarke. 2895.
- ORTHODESMA** [Pelecypoda].
 ——— *semiradiata*. Reed. 32.
- ORTHOITHECA**.
 ——— *cyrene*. Walcott. 3452.
 ——— var. *dryas* n. var. Walcott. 3452.
 ——— *dudis*. Walcott. 3452.
 ——— *delphus*. Walcott. 3452.
 ——— *doris*. Walcott. 3452.
- OSTREA** [Pelecypoda].
 ——— *akkabensis*. Krumbeck. 3128.
 ——— *anomioidea* var. *nanus* n. Johnson. 3094.
 ——— *bristoli*. Richardson. 3.
 ——— *kakurensis*. Krumbeck. 3128.
 ——— *menhar*. Oppenheim. 3243.
 ——— *praeacohlear*. Oppenheim. 3243.
 ——— *recta*. Oppenheim. 3243.
 ——— *ritchousei*. Oppenheim. 3243.
- OVULA** [Gastropoda].
 ——— *asymmetrica*. Aldrich. 2.

- OXYNOTICERAS** [Cephalopoda].
 — *compressum*. Benecke. 2820.
- PACHYERISMA** [Pelecypoda].
 — *blanckenhorni*. Krumbeck. 3128.
- Pachylotoceras** n. gen. [Cephalopoda].
 — Buckman. 2870.
 — *aalenianum*. Buckman. 2870.
 — *phylloceratooides*. Buckman. 2870.
- PALAEANODONTA** [Pelecypoda].
 — *ernae*. Schmidt. 3342.
 — *faba*. Schmidt. 3342.
 — *petraschecki*. Schmidt. 3342.
 — *sophiae*. Schmidt. 3342.
- PALAEONARICA** [Gastropoda].
 — *hologyriiformis*. Blaschke. 2832.
 — *kittli*. Blaschke. 2832.
- PALAEONEILO** [Pelecypoda].
 — *amygdala*. Borisjak. 2843.
 — *bitneri*. Borisjak. 2843.
 — *brevicula*. Clarke. 2895.
 — *choroschoensis*. Borisjak. 2843.
 — *linguata*. Clarke. 2895.
 — *lunaris*. Böhm. 2840.
 — *muricata*. Clarke. 2895.
 — *petila*. Clarke. 2895.
 — *toliebeni*. Böhm. 2840.
 — *rolgensis*. Borisjak. 2843.
- PANOPAEA** [Pelecypoda].
 — *sahariensis*. Newton. 3226.
- PARACARDIUM** [Pelecypoda].
 — *delicatumum*. Clarke. 2895.
- Paralagena** n. nom. [Gastropoda].
 — Dall. 2918.
- Parapalaeonarica** n. subgen. [Gastropoda].
 — Blaschke. 2832.
- Paraptyx** n. gen. [Pelecypoda]. Clarke. 2895.
 — *ontario*. Clarke. 2895.
- PATELLA** [Gastropoda].
 — *altissima* n. form. Blaschke. 2832.
 — *granulata* var. *globosa* n. var. Blaschke. 2832.
 — *magna*. Read. 3292.
 — *radians*. Read. 3292.
 — *scutelliformis*. Blaschke. 2832.
- Pecten** [Pelecypoda].
 — *broilii*. Philipp. 3281.
 — *cailliaudi*. Oppenheim. 3243.
 — *cairensis*. Oppenheim. 3243.
 — *cristatus* var. *mediterraneus* n. var. Gaál. 2989.
 — *damesi*. Böhm. 2840.
 — *erlangeri*. Dacqué. 2914.
 — *fassaensis*. Philipp. 3281.
 — *hilli*. Hutton. 3071.
 — *kalkorakyi*. Petrascheck. 3280.
 — *lykossensis*. Krumbeck. 3128.
 — *palmyrensis*. Krumbeck. 3128.
 — *predazzensis*. Philipp. 3281.
 — *pseudopriscus*. Rzehak. 3331.
 — *subminutus*. Aldrich. 2782.
- PECTINOULUS** [Pelecypoda].
 — *argyptiacus*. Oppenheim. 3243.
 — *pyramidarum*. Oppenheim. 3243.
- PERISPHINCTES** [Cephalopoda].
 — *arussiorum*. Dacqué. 2914.
 — *choffati*. Dacqué. 2914.
 — *flagellans*. Blake. 2830.
 — *gallarum*. Dacqué. 2914.
 — *reniformis*. Velters. 3450.
- PERNA** [Pelecypoda].
 — *rikuzenica*. Yokoyama. 3519.
- PHAENODESMIA** [Pelecypoda].
 — *dorogomilouensis*. Borisjak. 2843.
 — *nikitini*. Borisjak. 2843.
- PHOLADOMYIA** [Pelecypoda].
 — *franciscæ*. Böhm. 2840.
- PHRAGMOSTOMA** [Gastropoda].
 — *chautauquæ*. Clarke. 2895.
- Phrygiomurex** n. sect. [Gastropoda].
 — Dall. 2918.
- Phryx** n. subgen. [Gastropoda].
 — Blaschke. 2832.
- PHYLLOCERAS** [Cephalopoda].
 — *salima*. Krumbeck. 3128.
- PINNA** [Pelecypoda].
 — *ecki*. Picard. 3282.
 — *heeri*. Böhm. 2840.
 — *lima*. Böhm. 2840.
- PLACENTICERAS** [Cephalopoda].
 — ? *intermedium*. Johnson. 3094.
 — ? *rotundatum*. Johnson. 3094.

- PLATYCEPHALUS** [Gastropoda].
 — *chronus*. Walcott. 3452.
 — *clarkii*. Thomas. 3416.
 — *clytia*. Walcott. 3452.
 — *columbiana*. Weller. 3470.
 — *pagoda*. Walcott. 3452.
- PLATYCHILINA** [Gastropoda].
 — *subpauculosa*. Blaschke. 2832.
- PLATYSTOMA** [Gastropoda].
 — *nearpaesi*. Weller. 3470.
- PLATYSCHISMA** [Gastropoda].
 — *uralensis*. Tokarenko. 3419.
- PLATYSTOMA** [Gastropoda].
 — *antiquis*. Webster. 3467.
- PLEURONAUTILUS** [Cephalopoda].
 — *costatus*. Hind. 3046.
 — *kokeni*. Noetling. 3232.
- PLEUROPHORUS** [Pelecypoda].
 — *andersoni*. Böhm. 2840.
 — *perlongus*. Böhm. 2840.
- PLEUROTOMA** [Gastropoda].
 — *eassyi*. Aldrich. 2782.
 — *hamiltoni*. Hutton. 3071.
- PLEUROTOMARIA** [Gastropoda].
 — *capillaria cognata* n. mut. Clarke. 2895.
 — *ciliata*. Clarke. 2895.
 — *debilis*. Blake. 2830.
 — *devonica*. Tokarenko. 3419.
 — *genundeira*. Clarke. 2895.
 — *itylus*. Clarke. 2895.
 — *kayneri*. Tokarenko. 3419.
 — *neosolodurina*. Dacqué. 2914.
 — *roemerii*. Tokarenko. 3419.
- PLICATULA** [Pelecypoda].
 — *schweinfurthi*. Oppenheim. 3243.
 — *variolosa*. Oppenheim. 3243.
- POECILOZONITES** [Gastropoda].
 — *cupula*. Gulick. 3024.
 — *dalli*. Gulick. 3024.
 — *nelsoni* var. *callosus* n. var. Gulick. 3024.
- Polygyrata** n. gen. [Gastropoda].
 — Weller. 3470.
 — *sinistra*. Weller. 3470.
- Polytropina** n. gen. [Gastropoda].
 — Donald. 2931.
- POSIDONIA** [Pelecypoda].
 — *marcellensis*. Clarke. 2895.
 — *venusta* var. *nitidula* n. var. Clarke. 2895.
- POSIDONOMYA** [Pelecypoda].
 — ? *plana*. Philipp. 3281.
- PRAGMARDIUM** [Pelecypoda].
 — *melites*. Clarke. 2895.
 — *multicoctatum*. Clarke. 1
- PROMATHILDA** [Gastropoda].
 — *minima*. Blaschke. 2
 — *parsa*. Böhm. 2840.
- PROOFILLA** [Pelecypoda].
 — *lathringica*. Benecke. 1
 — *spanieri*. Benecke. 28
- Protespiralis** n. gen. [Gastropoda].
 — Clarke. 2895.
- PSEUDAMCHSIUM** [Pelecypoda].
 — *huttoni*. Park. 3264.
- PSEUDOMONOTIS** [Pelecypoda].
 — *büchneri*. Philipp. 3281
 — *spitzbergensis*. Böhm. 2
- PSEUDOSCALITES** [Gastropoda].
 — *collariatus*. Read. 329
 — *paucostriatus*. Read. 3
 — *wöhrmanni*. Blaschke. 2
- Pseudotruncatella** n. gen. [Gastropoda].
 — Andreae. 2790.
 — *pretiosa*. Andreae. 279
- Pseudovirgattus** n. subgen. [Cephalopoda].
 — Vettera. 3456
- PTERIA** [Pelecypoda].
 — *gaultina*. Woods. 3504
 — *haldonensis*. Woods. 3
- Pterochaenia** n. gen. [Pelecypoda].
 — Clarke. 2895.
 — *cushaqueae*. Clarke. 2895
 — *elmensis*. Clarke. 2895
 — *fragilis* var. *orbicularis* var. Clarke. 2895.
 — *perissa*. Clarke. 2895.
 — *sinuosa*. Clarke. 2895
 — *uchensis*. Clarke. 289
- PTYCHOMPHALUS** [Gastropoda].
 — *gracilis*. Read. 3292.
- PTYCHOPTERIA** [Pelecypoda].
 — *subquadrata*. Weller. 3
- PUNCTUM** [Gastropoda].
 — *propygmaeum*. Andriani. 2790.
- PUPA** [Gastropoda].
 — *lomnickii*. Friedberg. 2
- PURPURINA** [Gastropoda].
 — *broilii*. Read. 3292.
- PURPUREOIDEA** [Gastropoda].
 — *raiblensis*. Blaschke. 2
 — *trinolosa*. Read. 3295

- PYRAMIDELLA** [Gastropoda].
 ——— *coessmanni* n. nom. Dall and Bartsch. 2919.
 ——— *dodona*. Dall and Bartsch. 2919.
PYRAMIDULA [Pelecypoda].
 ——— *mamillata*. Andreae. 2790.
RAPHISTOMA [Gastropoda].
 ——— *columbiana*. Weller. 3470.
Rhabdostropha n. subgen. [Gastropoda]. Donald. 2930.
RHOMBOPTERIA [Pelecypoda].
 ——— *clathratus*. Weller. 3470.
RHYNCHOPTERUS [Pelecypoda].
 ——— *perna*. Böhm. 2840.
ROSTELLITES [Gastropoda].
 ——— *dalli* var. *welli* n. var. Johnson. 3094.
SCENELLA [Gastropoda].
 ——— *clutho*. Walcott. 3452.
SCHLOENBACHIA [Cephalopoda].
 ——— *dieneri*. Blanckenhorn. 2831.
 ——— *kiitli*. Richarz. 3316.
 ——— *olivei*. Blanckenhorn. 2831.
 ——— *nafedensis*. Blanckenhorn. 2831.
 ——— *sandreckii*. Blanckenhorn. 2831.
SCHLOTHEIMIA [Cephalopoda].
 ——— *jimbei*. Yokoyama. 3519.
SCURRIA [Gastropoda].
 ——— ? *coniformis*. Johnson. 3094.
 ——— *striata*. Read. 3202.
SEPTA [Gastropoda].
 ——— *englishi*. Newton. 3227.
SISENNA [Gastropoda].
 ——— *conurentzi*. Böhm. 2840.
SONNINIA [Cephalopoda].
 ——— *dundriensis*. Buckman. 2871.
SPONDYLUS [Pelecypoda].
 ——— *nili*. Oppenheim. 3243.
 ——— *perhorridus*. Oppenheim. 3243.
 ——— *somaliensis*. Newton. 3225.
SPORADOCERAS [Cephalopoda].
 ——— *muensteri* var. *uralensis* n. var. Tokarenko. 3419.
Stantonoceras n. gen. [Cephalopoda]. Johnson. 3094.
 ——— *pseudocostatum*. Johnson. 3094.
STENOTHECA
 ——— ? *clurius*. Walcott. 3452.
 ——— *cornu*. Wiman. 3494.
 ——— *rugosa* var. *chinensis* n. var. Walcott. 3452.
 ——— var. *orientalis* n. var. Walcott. 3452.
Stomega n. nom. [Gastropoda]. Dall and Bartsch. 2919.
STRAPAROLLINA [Gastropoda].
 ——— *circe*. Walcott. 3452.
STREBLITES [Cephalopoda].
 ——— *rouhuysi*. Boehm. 2835.
Styracoteuthis n. gen. [Cephalopoda].
 ——— Crick. 2902.
 ——— *orientalis*. Crick. 2902.
Sulcorinella n. subgen. [Gastropoda]. Dall and Bartsch. 2919.
Syrnolina n. subgen. [Gastropoda]. Dall and Bartsch. 2919.
Taeniola n. sect. [Gastropoda]. Dall. 2918.
TANCREDIA [Pelecypoda].
 ——— *incurva*. Benecke. 2820.
THYSANOCERAS [Cephalopoda].
 ——— *onychograptum* n. nom. Buckman. 2870.
 ——— *orbignyi* n. nom. Buckman. 2870.
Thysanolytocras n. gen. [Cephalopoda]. Buckman. 2870.
TMETOCERAS [Cephalopoda].
 ——— *circulare*. Buckman. 2871.
 ——— *subneri* var. *epirotica* n. var. Renz. 3314.
TRICHITES [Pelecypoda].
 ——— *suprajurensis*. Krumbeck. 3128.
TRIGONIA [Pelecypoda].
 ——— *area-furcata*. Vettors. 3450.
 ——— *engeli* n. form. Benecke. 2820.
 ——— *hosourensis*. Yokoyama. 3519.
 ——— *libanensis*. Krumbeck. 3128.
 ——— *marjoritifera*. Böhm. 2840.
 ——— *terquemi* n. form. Benecke. 2820.
TRIPTYCHIA [Gastropoda].
 ——— *margaretæ*. Andreae. 2790.
Tritoniscus n. sect. [Gastropoda]. Dall. 2918.
Tritonocanda n. sect. [Gastropoda]. Dall. 2918.

- TROCHUS** [Gastropoda].
 — ? *domatus*. Blake. 2830.
 — *duplicans*. Blake. 2830.
 — *lacuna*. Blake. 2830.
 — *skiptonensis*. Blake. 2830.
- Tropaeas** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- TROPIDOCYCLUS** [Gastropoda].
 — *hyalinus*. Clarke. 2895.
- TETRAPNOSTYLUS** [Gastropoda].
 — *submilitaris*. Blaschke. 2832.
 — *suesei*. Blaschke. 2832.
 — *waageni*. Blaschke. 2832.
- TUGURICUM** [Gastropoda].
 — *mekranense*. Newton. 3223.
- TURBO** [Gastropoda].
 — *antonini*. Krumbeck. 3128.
- TURBOMILLA** [Gastropoda].
 — *archeri*. Dall and Bartsch. 2919.
- Turristylus** n. subgen. [Gastropoda].
 Blaschke. 2832.
- TURRITELLA** [Gastropoda].
 — *galisteoensis*. Johnson. 3094.
 — *geinitzi* n. nom. Deninger. 2924.
- Turritriton** n. sect. [Gastropoda].
 Dall. 2918.
- Ulla** n. subgen. [Gastropoda].
 Dall and Bartsch. 2918.
- Ulrichospira** n. gen. [Gastropoda].
 Donald. 2931.
 — *similis*. Donald. 2931.
- UMBONIUM** [Gastropoda].
 — *grobbei*. Blaschke. 2832.
 — *umbilicus*. Read. 3292.
- UNDULARIA** [Gastropoda].
 — *pertica*. Böhm. 2840.
- UNICARDIUM** [Pelecypoda].
 — *subglobosum*. Krumbeck. 3128.
- VAGINELLA** [Gastropoda].
 — *aueklandica*. Clarke. 2890.
- Vagna** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- VALENCIENNESIA** [Gastropoda].
 — *roumaniensis*. Newton. 3227.
- VALVATA** [Gastropoda].
 — *andreaei*. Menzel. 3181.
 — *geyeri*. Menzel. 3181.
- VANIKORO** [Gastropoda].
 — *canaliculata*. Blake. 2830.
- VESTICORDIA** [Pelecypoda].
 — *dalliana*. Aldrich. 2782.
 — *quadrangularia*. Aldrich. 2782.
 — *sotoensis*. Aldrich. 2782.
- VERTIGO** [Gastropoda].
 — *marki*. Gulick. 3024.
 — *umellata*. Gulick. 3024.
- Villa** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- Visma** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- VOLA** [Pelecypoda].
 — *neumannii*. Dacqué. 2913.
- Voluspa** n. subgen. [Gastropoda].
 Dall and Bartsch. 2919.
- VULSELLA** [Pelecypoda].
 — *aegyptiaca*. Oppenheim. 3243.
 — *contracta*. Oppenheim. 3243.
 — *ehrenbergi*. Oppenheim. 3243.
 — *eymari*. Oppenheim. 3243.
 — *lignaria*. Oppenheim. 3243.
 — *moëhensis*. Oppenheim. 3243.
 — *nigeriensis*. Newton. 3226.
- Westerna** n. gen. [Gastropoda].
 Webster. 3466.
- WHITELLA** [Pelecypoda].
 — *inutilis*. Reed. 3297.
 — *suborbicularis*. Weller. 3470.
- WORTHENIA** [Gastropoda].
 — *arthaberi*. Blaschke. 2832.
 — *bifurca*. Böhm. 2840.
- ZONITOIDES** [Gastropoda].
 — *bristoli*. Gulick. 3024.

2431 ARTHROPODA.

- Ammonella** n. gen. [Neuroptera].
 Walther. 3455.
 — *quadrata*. Walther. 3455.
- APHODIUS** [Coleoptera].
 — *succini*. Zang. 3521.
- Campterophlebia** n. gen. [Neuroptera].
 Bode. 2833.
 — *elegans*. Bode. 2833.
- DIPLOEMA** [Diptera].
 — *crassicornis*. Meunier. 3194.
- DORCASCHEMA** [Coleoptera].
 — *succineum*. Zang. 3522.

- EATONISCA [Diptera].
 ——— *tertiaria*. Meunier. 3194.
- ELCANA [Orthoptera].
 ——— *geinitzi*. Bode. 2833.
- ETOBLETTINA [Orthoptera].
 ——— *pygmaea*. Meunier. 3193.
 ——— *steinmanni*. Sterzel. 3406.
- GLAPHYROPTERA.
 ——— *lotharingica*. Fliche. 2793.
- GRYLLAORIS [Orthoptera].
 ——— *fasciata*. Bode. 2833.
 ——— *minor*. Bode. 2833.
- GYRINUS [Coleoptera].
 ——— *sculpturatus*. Mjöberg. 3201.
- HETEROPHLEBIA [Neuroptera].
 ——— *propinqua*. Bode. 2833.
 ——— *proxima*. Bode. 2833.
- HOMIOPTERA [Neuroptera].
 ——— *gigantea*. Agnus. 2781.
- Kalligramma** n. gen. [Neuroptera].
 ——— Walther. 3455.
 ——— *haeckeli*. Walther. 3455.
- NOTHORRHINA [Coleoptera].
 ——— *granulicollis*. Zang. 3522.
- OLOPHRUM [Coleoptera].
 ——— *interglaciale*. Mjöberg. 3200.
- ORTHOPHLEBIA [Neuroptera].
 ——— *brunsticensis*. Bode. 2833.
 ——— *marginata*. Bode. 2833.
- PALAEOASCIA [Diptera].
 ——— *uniappendiculata*. Meunier. 3191.
- PALAEOSPHEGINA [Diptera].
 ——— *elegantula*. Meunier. 3191.
- PERICOMA [Diptera].
 ——— *formosa*. Meunier. 3194.
 ——— *speciosa*. Meunier. 3194.
- PHLEBOTOMUS [Diptera].
 ——— *tipuliformis*. Meunier. 3194.
- PHRYGANIDICUM [Neuroptera].
 ——— *areuliferum*. Bode. 2833.
 ——— *boreale*. Bode. 2833.
- PLATYCERUS [Coleoptera].
 ——— *berendti*. Zang. 3521.
- PLECIA [Diptera].
 ——— *borussica*. Meunier. 3192.
- POGONOCERA [Coleoptera].
 ——— *jaekeli*. Zang. 3522.
- PSYCHODA [Diptera].
 ——— *eocenica*. Meunier. 3194.

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- RHYPHUS [Diptera].
 ——— *splendidus*. Meunier. 3192.
 ——— *thirionus*. Meunier. 3192.
- SCATOPSE [Diptera].
 ——— *crassicornis*. Meunier. 3192.
 ——— *fasciola*. Meunier. 3192.
 ——— *grassaris*. Meunier. 3192.
 ——— *subsimilis*. Meunier. 3192.
- SIMULIA [Diptera].
 ——— *affinis*. Meunier. 3192.
 ——— *importuna*. Meunier. 3192.
 ——— *pulchella*. Meunier. 3192.
- SPHEGINASOIA [Diptera].
 ——— *biappendiculata*. Meunier. 3191.
- STRANGALIA [Coleoptera].
 ——— *berendiana*. Zang. 3522.
- SYCORAX [Diptera].
 ——— *prompta*. Meunier. 3194.
 ——— *tumultuosa*. Meunier. 3194.
- SYRPHUS [Diptera].
 ——— *curvipetiolatus*. Meunier. 3191.
- TRICHOMYIA [Diptera].
 ——— *concinna*. Meunier. 3194.
 ——— *decora*. Meunier. 3194.
 ——— *distincta*. Meunier. 3194.
 ——— *formosula*. Meunier. 3194.
 ——— *nova*. Meunier. 3194.
 ——— *procera*. Meunier. 3194.
 ——— *pulehra*. Meunier. 3194.
 ——— *tenera*. Meunier. 3194.
- XYLOTA [Diptera].
 ——— *pulehra*. Meunier. 3191.

2631 CRUSTACEA.

- ANTHRAPALAEON [Decapoda].
 ——— *serratus*. Woodward. 3514.
- APARCHITES [Ostracoda].
 ——— ? *anderssoni*. Wiman. 3494.
 ——— ? *fennicus*. Wiman. 3494.
- BAIRDIA [Ostracoda].
 ——— *tenuis*. Lienenklaus. 3146.
- BEYRICHTIA [Ostracoda].
 ——— *argentina*. Thomas. 3416.
 ——— *barretti*. Weller. 3470.
 ——— *deckerensis*. Weller. 3470.
 ——— *jerseyensis*. Weller. 3470.
 ——— *kümmeli*. Weller. 3470.
 ——— *manliensis*. Weller. 3470.
 ——— *montaguensis*. Weller. 3470.
 ——— *nearpassi*. Weller. 3470.

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- BEYRICHTIA** [Ostracoda].
 — *perinflata*. Weller. 3470.
 — *smockii*. Weller. 3470.
 — *sussexensis*. Weller. 3470.
 — *walpackensis*. Weller. 3470.
BEYRICHTONA [Ostracoda].
 — ? *alta*. Wiman. 3494.
 — *faba*. Wiman. 3494.
 — *gevalensis*. Wiman. 3494.
BRADORIA [Ostracoda].
 — *bergeroni*. Walcott. 3452.
 — *enyo*. Walcott. 3452.
 — *eris*. Walcott. 3452.
 — *fragilis*. Walcott. 3452.
 — *sterops*. Walcott. 3452.
 — *woodi*. Walcott. 3452.
BRADORONA [Ostracoda].
 — *nitida*. Wiman. 3494.
BYTHOOTPRIS [Ostracoda].
 — *nearpassi*. Weller. 3470.
CALIANASSA [Decapoda].
 — *uncifer*. Harbort. 3030.
CANDONA [Ostracoda].
 — *candidula*. Lienenklaus. 3146.
 — *recta*. Lienenklaus. 3146.
 — *rhenana*. Lienenklaus. 3146.
 — *steinheimensis*. Sieber. 3388.
CANDONOPSIS [Ostracoda].
 — *arida*. Sieber. 3388.
CUNEOCYTHERE [Ostracoda].
 — *punctulata*. Lienenklaus. 3146.
CYCLOCYPRIS [Ostracoda].
 — *nitida*. Sieber. 3388.
 — *similis*. Lienenklaus. 3146.
CYPRIA [Ostracoda].
 — *currata*. Lienenklaus. 3146.
 — *suborbicularis*. Sieber. 3388.
CYPRIDOPSIS [Ostracoda].
 — *gracilis*. Sieber. 3388.
 — *kinkelini*. Lienenklaus. 3146.
CYPRIS [Ostracoda].
 — *acuta*. Lienenklaus. 3146.
 — *agglutinans*. Lienenklaus. 3146.
 — *francofurti*. Lienenklaus. 3146.
 — *inaequalis*. Sieber. 3388.
 — *parvi*. Lienenklaus. 3146.
 — *riegericusis*. Sieber. 3388.
CYTHEREIS [Ostracoda].
 — *ramosa*. Lienenklaus. 3146.
CYTHEROPTERON [Ostracoda].
 — *punctulatum*. 3146.
CYTHERIDEA [Ostracoda].
 — *devera*. Lienenklaus.
 — *fragilis*. Lienenklaus.
 — *missanensis*. 3146.
 — *parallela*. 3146.
 — *praesulcata*. 3146.
 — *rarefistulosa*. 3146.
 — *spathacea*. 3146.
CYTHERURA [Ostracoda].
 — *sulcata*. Lienenklaus.
ESTHERIELLA [Phyllopora].
 — *radiata* var. *multi* var. *Jones*. 3
EUCYTHERURA [Ostracoda].
 — *dentata*. Lienenklaus.
EUCYTHERELLA [Ostracoda].
 — *jerseyensis*. Weller.
 — *oculifera*. Weller.
HIPPONICHLARIUM [Ostracoda].
 — *mattheui*. Wiman.
ILIOCTPRIS [Ostracoda].
 — *binocularis*. Sieber.
 — *tribullata*. Li. 3146.
 — *tuberculata*. Li. 3146.
INDIANA [Ostracoda].
 — ? *minima*. Wiman.
LEPERDITELLA [Ostracoda].
 — *ornata*. Weller.
LEPERDITIA [Ostracoda].
 — *altoides*. Weller.
 — *elongata*. Weller.
 — *gigantea*. Weller.
LIMNICYTHERE [Ostracoda].
 — *ephiomena*. Sieber.
 — *zindorfi*. Li. 3146.
LOXONCHIA [Ostracoda].
 — *intorta*. Lienenklaus.
 — *sphenoides*. Li. 3146.
NEPTUNUS [Decapoda].
 — *arabicus*. Woodw.

PONTOCYPRIS [Ostracoda].

- *brevis*. Lienenklaus. 3146.
 — *splendida*. Lienenklaus.
 3146.

PRIMITIA [Ostracoda].

- *frosburgensis*. Jones. 3096.

SELLULA [Ostracoda].

- *fallax*. Wiman. 3494.

XESTOLEBERIS [Ostracoda].

- *rhenana*. Lienenklaus. 3146.

2831 XIPHOSURA, EURIPTE-
RIDA, TRILOBITA.

ACIDASPIS [Trilobita].

- *turnbulli*. Reed. 3297.
 — *sladensis*. Reed. 3297.

AGNOSTUS [Trilobita].

- *kusanensis*. Walcott. 3452.

AGRAULOS [Trilobita].

- *abaris*. Walcott. 3452.
 — *abrota*. Walcott. 3452.
 — *acalle*. Walcott. 3452.
 — *agenor*. Walcott. 3452.
 — *dirce*. Walcott. 3452.
 — *dici*. Walcott. 3452.
 — *dolon*. Walcott. 3452.
 — *dryas*. Walcott. 3452.

AMPYX [Trilobita].

- *brevicauda*. Wiman. 3500.

ANOMOCARE [Trilobita].

- *alcinoe*. Walcott. 3452.
 — *bergioni*. Walcott. 3452.
 — *bianos*. Walcott. 3452.
 — *biston*. Walcott. 3452.
 — *? butes*. Walcott. 3452.
 — *? daulis*. Walcott. 3452.
 — *daunus*. Walcott. 3452.
 — *decelus*. Walcott. 3452.
 — *parvula*. Weller. 3470.
 — *tatian*. Walcott. 3452.
 — *temenus*. Walcott. 3452.

Anomocarella n. gen. [Trilobita].

- Walcott. 3452.
 — *albion*. Walcott. 3452.
 — *baucis*. Walcott. 3452.
 — *? bura*. Walcott. 3452.
 — *carne*. Walcott. 3452.
 — *chinensis*. Walcott. 3452.

APATOCEPHALUS [Trilobita].

- *pecten*. Wiman. 3500.

ARGES [Trilobita].

- *tuberculatus*. Weller. 3470.

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ARIONELLUS [Trilobita].

- *agonius*. Walcott. 3452.
 — *ajax*. Walcott. 3452.
 — *alata*. Walcott. 3452.
 — *balticus*. Wiman. 3494.

BOECKIA [Trilobita].

- *mobergi*. Wiman. 3497.

BUMASTUS [Trilobita].

- *elongatus*. Weller. 3470.
 — *transversalis*. Weller. 3470.

CREPICEPHALUS [Trilobita].

- *damia*. Walcott. 3452.

CYPHASPIS [Trilobita].

- *trentonensis*. Weller. 3470.

DALMANITES [Trilobita].

- *aspinosa*. Weller. 3470.
 — *drevermanni*. Thomas. 3416.

Damesella n. gen. [Trilobita].

- Walcott. 3452.
 — *bellagranulata*. Walcott.
 3452.
 — *blackwelderi*. Walcott. 3452.
 — *breviceaudata*. Walcott. 3452.
 — *chione*. Walcott. 3452.

DIKELOCEPHALUS [Trilobita].

- *? baubo*. Walcott. 3452.
 — *? briso*. Walcott. 3452.
 — *? neutronensis*. Weller. 3470.

DOLICHOMETOPUS [Trilobita].

- *alceste*. Walcott. 3452.
 — *deois*. Walcott. 3452.
 — *derceto*. Walcott. 3452.
 — *dirce*. Walcott. 3452.

DORYPYGE [Trilobita].

- *bispinosa*. Walcott. 3452.

Dorypygella n. gen. [Trilobita].

- Walcott. 3452.
 — *alastor*. Walcott. 3452.
 — *alcon*. Walcott. 3452.
 — *typicalis*. Walcott. 3452.

ELLIPSOCEPHALUS [Trilobita].

- *latus*. Wiman. 3494.

HOMALONOTUS [Trilobita].

- *kayseri*. Thomas. 3416.

ILLAENURUS [Trilobita].

- *canens*. Walcott. 3452.
 — *ceres*. Walcott. 3452.
 — *columbiana*. Weller. 3470.
 — *dictys*. Walcott. 3452.

MEGALASPIDES [Trilobita].

- *nericiensis*. Wiman. 3500.

MEGOCEPHALUS [Trilobita].

- _____ *aerius*. Walcott. 3452.
 _____ *asia*. Walcott. 3452.
 _____ *admata*. Walcott. 3452.
 _____ *adrasia*. Walcott. 3452.
 _____ *agave*. Walcott. 3452.
 _____ *balenus*. Walcott. 3452.
 _____ ? *depressus*. Walcott. 3452.

MICRODISCUS [Trilobita].

- _____ *orientalis*. Walcott. 3452.

OLENOIDES [Trilobita].

- _____ ? *ciliz*. Walcott. 3452.

Pagodia n. gen. [Trilobita].

- _____ Walcott. 3452.
 _____ *bia*. Walcott. 3452.
 _____ *dolon*. Walcott. 3452.
 _____ *lotos*. Walcott. 3452.
 _____ *macedo*. Walcott. 3452.

PARADOXIDES [Trilobita].

- _____ *jemtlandicus*. Wiman. 3496.

PHACOPS [Trilobita].

- _____ *argentinus*. Thomas. 3416.

PROETUS [Trilobita].

- _____ *brevimarginatus*. Weller. 3470.
 _____ ? *depressus*. Weller. 3470.
 _____ *latimarginatus*. Weller. 3470.
 _____ ? *spinosa*. Weller. 3470.

Pseudoasaphus n. subgen. [Trilobita].

Schmidt. 3344.

PTEROCEPHALUS [Trilobita].

- _____ *asiatica*. Walcott. 3452.
 _____ *busiris*. Walcott. 3452.

PTYCHASPIS [Trilobita].

- _____ *acamus*. Walcott. 3452.
 _____ *cacus*. Walcott. 3452.
 _____ *cadmus*. Walcott. 3452.
 _____ *calchas*. Walcott. 3452.
 _____ *callisto*. Walcott. 3452.
 _____ *calyce*. Walcott. 3452.
 _____ *campe*. Walcott. 3452.
 _____ *ceto*. Walcott. 3452.

PTYCHOPARIA [Trilobita].

- _____ *aclis*. Walcott. 3452.
 _____ ? *batia*. Walcott. 3452.
 _____ *blairi*. Weller. 3470.
 _____ ? *bromus*. Walcott. 3452.
 _____ *burea*. Walcott. 3452.
 _____ *ceus*. Walcott. 3452.
 _____ *constricta*. Walcott. 3452.
 _____ *dryope*. Walcott. 3452.
 _____ *granulosa*. Walcott. 3452.
 _____ *impar*. Walcott. 3452.
 _____ *ligea*. Walcott. 3452.
 _____ *mantoensis*. Walcott. 3452.

PTYCHOPARIA [Trilobita].

- _____ *montanaensis*. Weller.
 _____ *salina*. Walcott. 3452.
 _____ *tanus*. Walcott. 3452.
 _____ *thorus*. Walcott. 3452.
 _____ *thrus*. Walcott. 3452.
 _____ *titiana*. Walcott. 3452.
 _____ *tolus*. Walcott. 3452.
 _____ *tanus*. Walcott. 3452.
 _____ *tragus*. Walcott. 3452.
 _____ *tolus*. Walcott. 3452.

PYTHOPTERUS [Trilobita].

- _____ *jurassensis*. Weller.
 _____ *hopelensis*. Schmidt.
 _____ *longhai*. Schmidt.
 _____ *kuohuensis*. Schmidt.
 _____ 3344.
 _____ *laurensi*. Schmidt.
 _____ *nickelensis*. Schmidt.
 _____ *pahlens*. Schmidt.
 _____ *plantini*. Schmidt.
 _____ *schrammensis*. Schmidt.

REDUCERIA [Trilobita].

- _____ *chinesensis*. Walcott.
 _____ *finalis*. Walcott. 3452.
 _____ *nobilis*. Walcott. 3452.

Roborgia n. gen. [Trilobita].

Wiman. 3459.

Schmalenroesia n. gen. [Trilobita].

Moberg. 3203.

_____ *amphionura*. Moberg.

Shangtungia n. gen. [Trilobita].

- _____ Walcott. 3452.
 _____ *spinifera*. Walcott.

SHUMARDIA [Trilobita].

- _____ *bottnica*. Wiman. 3459.
 _____ *nericiensis*. Wiman.

SOLENOPTERUS [Trilobita].

- _____ *abderus*. Walcott. 3452.
 _____ *acantha*. Walcott. 3452.
 _____ *acidalia*. Walcott. 3452.
 _____ *agno*. Walcott. 3452.
 _____ *belus*. Walcott. 3452.
 _____ *beroe*. Walcott. 3452.

STYLONURUS [Eurypterida].

- _____ ? *simonsoni*. Schmidt.

3431 MYRIOPODA.

XYLOBIAS.

- _____ *moniliformis*. Woc.
 _____ 3514.

5431 PISCES.

- AETOBATIS** [Selachii].
 ——— *biochei*. Priem. 3288.
- AMBLIPTERUS** [Actinopterygii].
 ——— *permensis*. Krotov. 3127.
- Bradyurus** n. gen. [Actinopterygii].
 Gill. 2995.
- CARANX** [Actinopterygii].
 ——— *primaevus*. Eastman. 2953.
- CERATODUS** [Sirenoidei].
 ——— *africanus*. Haug. 3035.
- COELACANTHUS** [Crossopterygii].
 ——— *africanus*. Broom. 2864.
- COSMACANTHUS** [Selachii].
 ——— *elegans*. Evans. 2964.
- ELONICHTHYS** [Actinopterygii].
 ——— *disjunctus*. Eastman. 2952.
- Eopristis** n. subgen. [Selachii].
 Stromer. 3411.
- ERISMACANTHUS** [Selachii].
 ——— *barbatus*. Eastman. 2952.
- FISSODUS** [Selachii].
 ——— *dentatus*. Eastman. 2952.
- GINGLYMOSTOMA** [Selachii].
 ——— *migueli*. Priem. 3288.
- HELODUS** [Selachii].
 ——— *incisus*. Eastman. 2952.
- HETEROLEPIDOTUS** [Actinopterygii].
 ——— *parvulus*. Gorjanović-Kramberger. 3006.
- Histionotophorus** n. nom. [Actinopterygii]. Eastman. 2953.
- HOMACANTHUS** [Selachii].
 ——— *acinaciformis*. Eastman. 2952.
 ——— *delicatus*. Eastman. 2952.
- HYRODUS** [Selachii].
 ——— *substriatus*. Linstow. 3147.
- JANASSA** [Selachii].
 ——— *maxima*. Eastman. 2952.
 ——— *unguicula*. Eastman. 2952.
- Macromesodon** n. gen. [Actinopterygii].
 Blake. 2830.
- MESODON** [Actinopterygii].
 ——— *hoeferi*. Gorjanović-Kramberger. 3006.
- MYLIOBATIS** [Selachii].
 ——— *elatus*. Stromer. 3411.
 ——— *fraasi*. Stromer. 3411.
 ——— *mokattamensis*. Stromer. 3411.

- ORODUS** [Selachii].
 ——— *intermedius*. Eastman. 2952.
- OTOLITHUS** [Actinopterygii].
 ——— *angustus*. Schubert. 3358.
 ——— *arthaberi*. Schubert. 3358.
 ——— *austriacus*. Schubert. 3358.
 ——— *crassus*. Schubert. 3358.
 ——— *ellipticus*. Schubert. 3358.
 ——— *elongatus*. Schubert. 3358.
 ——— *excius*. Schubert. 3358.
 ——— *gracilis*. Schubert. 3358.
 ——— *hansfuchsi*. Schubert. 3358.
 ——— *labiatus*. Schubert. 3358.
 ——— *levis*. Schubert. 3358.
 ——— *major*. Schubert. 3358.
 ——— *praemediterraneus*. Schubert. 3358.
 ——— *praetrachyrhynchus*. Schubert. 3358.
 ——— *rotundatus*. Schubert. 3358.
 ——— *tenuis*. Schubert. 3358.
 ——— *toulai*. Schubert. 3358.
 ——— *trolli*. Schubert. 3358.
- PALAEONISUS** [Actinopterygii].
 ——— *curtus*. Krotov. 3127.
 ——— *kargalensis*. Krotov. 3127.
 ——— *netschaevi*. Krotov. 3127.
- Pelamyocybium** n. gen. [Actinopterygii].
 Toulai. 3430.
 ——— *sinus vindobonensis*. Toulai. 3430.
- PHOEBODUS** [Ichthyotomi].
 ——— *dens-neptuni*. Eastman. 2952.
 ——— *knightianus*. Eastman. 2952.
- PHYSONEMUS** [Selachii].
 ——— *asper* n. nom. Eastmann. 2952.
 ——— *hamus-piscatorius*. Eastman. 2952.
 ——— *pandatus*. Eastman. 2952.
- PRISTIS** [Selachii].
 ——— *fajumensis*. Stromer. 3411.
 ——— *ingens*. Stromer. 3411.
 ——— *reinachi*. Stromer. 3411.
- PYGAEUS** [Actinopterygii].
 ——— *agassizii*. Eastman. 2953.
- RHADINICHTHYS** [Actinopterygii].
 ——— *argentiniensis*. Tornquist. 3428.
- SAGENODUS** [Dipnoi].
 ——— *cristatus*. Eastman. 2952.
- Spaniolepis** n. gen. [Actinopterygii].
 ——— Gorjanović-Kramberger. 3006.
 ——— *ovalis* n. sp. Gorjanović-Kramberger. 3006.

- Stenolepis* [Schuch].
 — *angusta*. Eastman. 2862.
- Stenolepis* [Schuch].
 — *erecta*. Eastman. 2862.
- 5631 REPTILIA AND
 BATRACHIA.**
- Albertosaurus* n. gen. Osborn. 3249.
 — *serripolus*. Osborn. 3249.
- Amphitidius* n. nom. [Chelonia].
 Hay. 3035.
- Amphitidius*
 — *strasseri*. Hesse. 3068.
- Antilepis* n. gen. [Dinosauria].
 Lull. 3163.
 — *kitchcocki*. Lull. 3163.
- Apator* n. gen. [Pterosauria].
 Williston. 3485.
 — *mirus*. Williston. 3485.
- Archaeosaurus* n. gen. [Anomodontia].
 Broom. 2863.
 — *cairnrossi*. Broom. 2863.
- Batrachosaurus* [Rhynchocephalia].
 — *dispar*. Lull. 3163.
- Brachiosaurus* n. gen. [Sauropterygia].
 Williston. 3486.
 — *lancei*. Williston. 3486.
- Brachytrichium* n. gen. [Incertae Sedis].
 Williston. 3489.
 — *terrestris*. Williston. 3489.
- Conchochelys* n. gen. [Chelonia].
 Hay. 3039.
 — *admirabilis*. Hay. 3039.
- Crocodylus* [Crocodilia].
 — *articeps*. Andrews. 2791.
 — *myorhinus*. Andrews. 2791.
- Dathosaurus* n. gen. [Proganosauria].
 Schroeder. 3353.
 — *macrourus*. Schroeder. 3353.
- Dictosodon* [Anomodontia].
 — *jouberti*. Broom. 2863.
- Dolichobrachium* n. gen. [Incertae sedis].
 Williston. 3489.
 — *gracile*. Williston. 3489.
- Dynamosaurus* n. gen. [Dinosauria].
 Osborn. 3249.
 — *imperioeus*. Osborn. 3249.
- Eifelosaurus* [Squamata].
 — *triadicus*. Jaekel. 3073.
- Erythrosuchus* n. gen. [Crocodilia].
 Broom. 2863.
 — *africanus*. Broom. 2863.
- Eufelisaurus* n. gen. [Incertae
 Williston. 3489.
 — *brouni*. Williston.
- Exomastix* [Dinosauria].
 — *platys* n. nom.
 3163.
- Gomphosaurus* [Crocodilia].
 — ? *gibberus*. Holland.
- Hesperosaurus* n. gen. [Rhynchocephalia].
 Broom. 2861.
 — *brouni*. Broom. 2861.
- Ichthyosaurus* [Ichthyopterygia].
 — *longirostris*. Hesse. 3068.
 — *volgarensis*. Kawanakij.
- Ichthyosaurus* n. gen. [Anomodontia].
 Broom. 2861.
 — *sinus*. Broom. 2861.
- Metriacanthosaurus* [Crocodilia].
 — *jaekeli*. Schmidt. 3.
- Neosaurus* n. gen. [Thalassiodromia].
 Merriam. 3188.
 — *halius*. Merriam. 3188.
- Nictosaurus* [Chelonia].
 — *headonensis*. Hootley.
- Osteosaurus* n. gen. [Dinosauria].
 Cushman. 2908.
 — *magnificus*. Cushman.
- Paleosaurus* n. gen. [Incertae
 Williston. 3489.
 — *bransoni*. Williston.
- Paleosaurus* n. gen. [Anomodontia].
 Broom. 2863.
 — *prius*. Broom. 2863.
- Plesiosaurus* [Sauropterygia].
 — *kantzeri*. Koken. 31.
- Polypterus* [Sauropterygia].
 — *ischadicus*. Williston.
- Portosaurus* [Chelonia].
 — *brouni*. Hay. 3037.
- Procolophon* [Pareiasauria].
 — *baini*. Broom. 2863.
- Sesamodon* n. gen. [Anomodontia].
 Broom. 2861.
 — *brouni*. Broom. 2861.
- Stegopelta* n. gen. [Dinosauria].
 Williston. 3485.
 — *landerensis*. Williston. 3485.
- Stenonyx* n. nom. [Dinosauria].
 Lull. 3163.
- Sustenodactylus* n. nom. [Dinosauria].
 Lull. 3163.

Tarsoplectrus n. nom. [Dinosauria].
Lull. 3163.

THALATTOSAURUS [Thalattosauria].
—— *perrini*. Merriam. 3188.
—— *shastensis*. Merriam. 3188.

Thelegnathus n. gen. [Anomodontia].
Broom. 2861.
—— *browni*. Broom. 2861.

TOMISTOMA [Crocodylia].
—— *gavialoides*. Andrews. 2791.
—— *kerunense*. Andrews. 2791.

TOXOCHELYS [Chelonina].
—— *procaz*. Hay. 3037.
—— *stenoporus*. Hay. 3037.

TRIBACHODON [Anomodontia].
—— *minor*. Broom. 2861.

Tyrannosaurus n. gen. [Dinosauria].
Osborn. 3249.
—— *rex*. Osborn. 3249.

UDENODON [Anomodontia].
—— *pusillus*. Jaekel. 3078.

5831 AVES.

Anthropornis n. gen. [Impennes].
Wiman. 3499.
—— *nordensköldii*. Wiman. 3499.

Delphinornis n. gen. [Impennes].
Wiman. 3499.
—— *larsenii*. Wiman. 3499.

Eospheniscus n. gen. [Impennes].
Wiman. 3499.
—— *gunnari*. Wiman. 3499.

Hargeria n. gen. [Ratitae]. Lucas. 3158.

Ichthyopteryx n. gen. [Impennes].
Wiman. 3499.
—— *gracilis*. Wiman. 3499.

Pachypteryx n. gen. [Impennes].
Wiman. 3499.
—— *grandis*. Wiman. 3499.

SARCORHAMPHUS [Accipitres].
—— *patruus*. Lönnberg. 3153.

TAOPERDIX [Gallinae].
—— *helica*. Eastman. 2495.

6031 MAMMALIA.

ACERATHERIUM [Ungulata].
—— *samium*. Weber. 3464.
—— *schlosseri*. Weber. 3464.

AMPHICYON [Carnivora].
—— *socialis*. Schlosser. 3339.

APLODONTIA [Rodentia].
—— *major: fossilis* n. subsp.
Sinclair. 3389.

CERVUS [Ungulata].
—— *teguliensis*. Dubois. 2938.

CORDYLODON [Insectivora].
—— *schlosseri*. Andreae. 2790.

Dinochoerus n. gen. [Ungulata].
Peterson. 3279.
—— *hollandi*. Peterson. 3279.

EQUUS [Ungulata].
—— *caballus: nehringi* n. subsp.
Duerst. 2942.
—— *haasei*. Reche. 3296.

Euhapais n. gen. [Rodentia].
Peterson. 3277.
—— *platyceps*. Peterson. 3277.

Eutypomys n. gen. [Rodentia].
Matthews. 3175.
—— *thomsoni*. Matthews. 3175.

GAZELLA [Ungulata].
—— *gaudryi*. Schlosser. 3340.

HETERODELPHIS [Cetacea].
—— *leiodontus*. Papp. 3263.

Heteromeryx n. gen. [Ungulata].
Matthews. 3175.
—— *dispar*. Matthews. 3175.

IOTOPS [Insectivora].
—— *intermedius*. Douglass. 2934.
—— *major*. Douglass. 2934.
—— *montanus*. Douglass. 2934.
—— *tenuis*. Douglass. 2934.

MACHAERODUS [Carnivora].
—— *ischyrus*. Merriam. 3185.

MEGALONYX [Edentata].
—— *sierrensis*. Sinclair. 3389.

NOTHROTHERIUM [Edentata].
—— *shastense*. Sinclair. 3389.

OIOCEROS [Ungulata].
—— ? *proaries*. Schlosser. 3340.

OVIS [Ungulata].
—— *aries: studeri* n. subsp.
Schoetensack. 3351.

Pachytragus n. gen. [Ungulata].
Schlosser. 3340.
—— *crassicornis*. Schlosser. 3340.

PALAEOMASTODON [Ungulata].
—— *parvus*. Andrews. 2792.
—— *urintoni*. Andrews. 2792.

PALAEOMERYX [Ungulata].
—— *simplicicornis*. Schlosser. 3339.

- Palaeophocaena** n. gen. [Cetacea].
 ——— Abel. 2774.
 ——— *andrussouci*. Abel. 2774.
- PALAEORYX** [Ungulata].
 ——— *ingens*. Schlosser. 3340.
 ——— *majori*. Schlosser. 3340.
 ——— *stütseli*. Schlosser. 3340.
- Pontoleon** n. gen. [Carnivora].
 ——— True. 3436.
 ——— *magnus*. True. 3436.
- Preptoceras** n. gen. [Ungulata].
 ——— Furlong. 2988.
 ——— *sinclairei*. Furlong. 2988.
- PROCAMELUS** [Ungulata].
 ——— *khersonensis*. Pavlov. 3268.
- Prodamaliscus** n. gen. [Ungulata].
 ——— Schlosser. 3340.
 ——— *gracilidens*. Schlosser. 3340.
- PROLAGUS** [Rodentia].
 ——— *calpensis*. Major. 3169.
- PROTORYX** [Ungulata].
 ——— *hentscheli*. Schlosser. 3340.
- PROTRAGELAPHUS** [Ungulata].
 ——— *sitteli*. Schlosser. 3340.
- Pseudotragerus** n. gen. [Ungulata].
 ——— Schlosser. 3340.
 ——— *capricornis*. Schlosser. 3340.
- Scaphoceros** n. gen. [Ungulata].
 ——— Osgood. 3253.
 ——— *tyrrelli*. Osgood. 3253.
- STONEOFIBES** [Rodentia].
 ——— *barbouri*. Peterson. 3277.
 ——— *fessor*. Peterson. 3277.
- TRONOMA** [Rodentia].
 ——— *spelaea*. Sinclair. 3389.
- THOMOMYS** [Rodentia].
 ——— *micradon*. Sinclair. 3389.
- TRAGOCERUS** [Ungulata].
 ——— *rugosifrons*. Schlosser. 3340.
- Tragoceras** n. gen. [Ungulata].
 ——— Schlosser. 3340.
 ——— *oryzoides*. Schlosser. 3340.
- Tyrrenicolia** n. gen. [Rodentia]. Major.
 3169.
- URSUS** [Carnivora].
 ——— *deningeri*. Reichenau. 3299.
- Xenotherium** n. gen. [Monotremata].
 ——— Douglass. 2934.
 ——— *unicum*. Douglass. 2934.

PALAEOBOTANY.

A. STRATIGRAPHICAL CLASSIFICATION.

35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

35.5000 GENERAL PALAEOBOTANY.

Das Pflanzenreich. Regni vegetabilis conspectus. Im Auftrage der königl. preuss. Akademie der Wissenschaften hrsg. von A[dolf] Engler. H. 20 (IV. 46) u. 21 (IV. 23 B.). H. 22 (IV. 237), 23 (IV. 225), 24 (IV. 13.). Leipzig (W. Engelmann), 1904-06, (458; 330; 386; 133; 24). 26 cm. 23 M.; 16.50 M.; 19.20 M.; 6.80 M.; 1.20 M.

Die natürlichen Pflanzenfamilien nebst ihren Gattungen und wichtigeren Arten, insbesondere den Nutzpflanzen . . . begr. v. A[dolf] Engler u. K[arl] Prantl, fortges. v. A[dolf] Engler. Lfg 215-223. (Tl 1, Abt. 1, Bogen 4-9; Abt. 3, Bogen 28-48. Leipzig (W. Engelmann), 1902-1903-04-05. 26 cm. Die Lfg zu 3 Bogen. 1.50 M.

Grand'Eury. Sur les sols de végétations fossiles des Sigillaires et des Lepidodendrons. Paris, C.-R. Acad. sci., **138**, 1904, (460-463).

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eg Malay Peninsula.

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Pantocsek, Josef. Beiträge zur Kenntnis der fossilen Bacillarien Ungarns. (Nach dem ungarischen Manuskripte.) Tl 1-3. 2. verb. Aufl. Berlin (W. Junk), 1903, (77, 123, 102 Taf. mit Erklärungen). 8 cm. 250 M.

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Credneria. Bayer, E. in Frič und Bayer. l.c. (131-134).

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5400 DICOTYLEDONS.

5400.75 CRETACEOUS.

Aralia. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (146-159).

Aristolochia. Bayer, E. in Frič und Bayer. l.c. (126).

Banksia. Bayer, E. in Frič und Bayer. l.c. (124).

Bignonia. Bayer, E. in Frič und Bayer. l.c. (126).

———— *vesterahusiana* n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

———— *daphnogenoides* (Heer) n. comb. (*Proteoides*). Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **32**, (1905), (327-330, with 1 pl.).

Grevillea. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (122-123).

Hedera. Bayer, E. in Frič und Bayer. l.c. (153).

Hymenaea. Bayer, E. in Frič und Bayer. l.c. (135-136).

Illicium. Bayer, E. in Frič und Bayer. l.c. (129).

Inga. Bayer, E. in Frič und Bayer. l.c. (135).

Laurus. Bayer, E. in Frič und Bayer. l.c. (130-131).

Liriodendron schwarzii n. sp. **Richter**, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit Taf.).

Magnolia. **Bayer**, E. in Frič und Bayer. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 2, 1901, (126–127).

Myrica. **Bayer**, E. in Frič und Bayer. l.c. (113).

—— *brittoniana* n. nom. (= *M. heerii* Berry not *M. heerii* Boulay). New Jersey. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, 1905, (42–48, with 2 pls.).

Myricanthium. **Bayer**, E. in Frič und Bayer. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 2, 1901, (114).

Platanus. **Bayer**, E. in Frič und Bayer. l.c. (131–132).

Proteoides. **Bayer**, E. in Frič und Bayer. l.c. (121).

Proteophyllum. **Bayer**, E. in Frič und Bayer. l.c. (118–120).

Proteopsis. **Bayer**, E. in Frič und Bayer. l.c. (118).

Salix. **Bayer**, E. in Frič und Bayer. l.c. (115, 121).

Sassafras. **Bayer**, E. in Frič und Bayer. l.c. (129).

Hicoria biacuminata n. sp. Vermont. **Perkins**, G. H. l.c. (193).

Hicoroides n. gen., *H. angulata*, *H. triangularis*, *H. ellipsoidea*, *H. globulus*, *H. parva* nn. spp. Vermont. **Perkins**, G. H. l.c. (183–185).

Juglans brandonianus n. sp. Vermont. **Perkins**, G. H. l.c. (182–183).

Laurus ungeri n. sp. Vallendar am Rhein. **Engelhardt**, H. Wiesbaden, Jahrb. Ver. Natk., 58, 1905, (295–319).

Monocarpellites n. gen., *M. whitfieldii*, *M. pyramidalis*, *M. sulcatus*, *M. orbicularis*, *M. elegans*, *M. gibbosus*, *M. irregularis*, *M. hutchcockii*, *M. medius*, *M. vermontanus*, *M. ovalis* nn. spp. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903–1904, 1904, (180–182).

Nyssa nn. spp. Vermont. **Perkins**, G. H. l.c. (194–199).

Prunoides n. gen. for *Carpolithes bursaeformis*, *P. seelyi* n. sp. Vermont. **Perkins**, G. H. l.c. (208–209).

Rubioides n. gen., *R. lignita* n. sp. Vermont. **Perkins**, G. H. l.c. (193).

Sapindoides n. gen., *S. barius*, *S. parva*, *S. medius*, *S. vermontanus*, *S. cylindricus*, *S. minimus* nn. spp. Vermont. **Perkins**, G. H. l.c. (206–208).

Tricarpellites nn. spp. Vermont. **Perkins**, G. H. l.c. (186–190).

5400.80 CAENOZOIC.

Apeibopsis parva n. sp. Vermont. **Perkins**, G. H. Vermont, Rep. Geol., Burlington, 1903–1904, 1904, (202).

Aristolochia obscura Lx. Vermont. **Perkins**, G. H. l.c. (202).

Aristolochites nn. spp. Vermont. **Perkins**, G. H. l.c. (203–206).

Bicarpellites n. gen. for *Carpolithes grayana* Lx., *B. knoeltoni*, *B. rotundus*, *B. minimus*, *B. rugosus* [printed *obesus* in error] nn. spp. Vermont. **Perkins**, G. H. l.c. (190–192).

Brandonia n. gen., *B. globulus* n. sp. Vermont. **Perkins**, G. H. l.c. (192).

Carpites nn. spp. Vermont. **Perkins**, G. H. l.c. (193–194).

Carpolithes nn. spp. Vermont. **Perkins**, G. H. l.c. (175–179).

Cinnamomum nn. spp. Vermont. **Perkins**, G. H. l.c. (199–200).

5400.85 LOWER CAENOZOIC (EOCENE, OLIGOCENE).

Acacia beneschii n. sp. Brabeneč, F. Prag, Bull. Ac. Sci. Franç. Jos., 9, 1904, 2. Heft, (1–5, mit 1 Taf.).

Cinnamomum, Geschichte des Genus. †**Staub**, M. Budapest, 1905, (138, mit 2 Kart. und 26 Taf.).

5400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Betula. **Kerner**, F. v. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (605).

Bumelia. **Kerner**, F. v. l.c. (607).

Cassia. **Kerner**, F. v. l.c. (609–610).

Ceratophyllum sinjanum n. sp. Kerner, F. v. l.c. (594-597, Taf. XV, figs. 1-2).

Cinnamomum. Kerner, F. v. l.c. (606-607).

——— Geschichte des Genus.

†Staub, M. Budapest, 1905, (138, mit 2 Karte und 26 Taf.).

Diospyros. Kerner, F. v. Wien, Jahrb. Geol. Reichsanst., 55, 1905, (607-608).

Dryandroides. Kerner, F. l.c. (607).

Ficus. Kerner, F. v. l.c. (605-606).

Juglans. Kerner, F. v. l.c. (609).

Myrica. Kerner, F. v. l.c. (604-605).

Myrsine. Kerner, F. v. l.c. (607).

Rhododendron. Kerner, F. v. l.c. (608-609).

5400.95 PLEISTOCENE AND RECENT.

Cinnamomum, Geschichte des Genus. Staub, M. Budapest, 1905, (138, mit 2 Karten und 26 Taf.).

Corylus in Schweden. Andersson, G. Bot. Jahrb., Leipzig, 33, 1903-4, (493-501).

——— *avellana* in Schweden ehemals und jetzt. Andersson, G. Stockholm, Sv. Geol. Unders., Ser. Ca, No. 3, 1902, (168, mit Karte und Taf.).

Dryas octopetala in Norway. (Norw.) Øyen, P. A. Kristiania, Forh. Vid. selsk., 1904, No. I, (4).

Salix reticulata in Norway. (Norw.) Øyen, P. A. l.c. (4).

6000 MONOCOTYLEDONS.

6000.75 CRETACEOUS.

Flabellaria magothiensis n. sp. Delaware and Maryland. Berry, E. W. New York, N.Y., 5, 1905, (30-33, with text fig.).

6000.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Cyperites tihuri, n. form. aff. *Carex tertiaria* Ung. Kerner, F. v. Wien,

Jahrb. Geol. Reichsanst., 55, 1905, (597-599, Taf. XV, figs. 3 and 7).

Damasonium sutinae n. sp. Kerner, F. v. l.c. (601-602, Taf. XV, fig. 5).

6000.95 PLEISTOCENE AND RECENT.

Dulichium spathaceum Pers. in dänischen interglazialen Torfmocren. Hartz, N. Bot. Jahrb., Leipzig, 36, 1905, (78-81).

6500 GYMNOSPERMS.

6500.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

GENERAL.

Berry, E. W. The ancestors of the big trees. Pop. Sci. Mon., New York, N.Y., 67, 1905, (465-474, with text fig.).

SPECIAL.

Araucarites, Jahresringbildung der Stämme. Gothan, W. Natw. Wochenschr., Jena, 19, 1904, (913-917).

6500.55 UPPER PALAEOZOIC.

Araucarioxylon. Sterzel, J. T. Chemnitz, Ber. natw. Ges., 15, (1899-1903), 1904, (23-41).

Dadoxylon australe n. sp. Australia. Arber, E. A. N. Catal. Glossopteris Flora, Brit. Mus., 1905, (191).

6500.60 MESOZOIC.

Androstrobus scotti n. sp. Nathorst, A. G. Stockholm, Vet.-Ak. Handl., 36, No. 4, 1902, (5-6, with pl.).

Antherangiopsis n. gen., *A. redicica* n. sp. Nathorst, A. G. l.c. (20, with pl.).

Beania carruthersi n. sp. Nathorst, A. G. l.c. (21).

Cycadoccephalus n. gen., *C. seawardi* n. sp. Nathorst, A. G. l.c. (7, with pl.).

Otozamites nn. spp. Bornholm. Müller, H. l.c. No. 6, 1903, (12-18, with pl.).

Stenorrachis solmsi n. sp., *S. scanicus* nov. nom. for *Zamiostrobus stenorrachis* Nathorst. Nathorst, A. G. l.c. No. 4, 1902, (16-18, with pl.).

Taxites subzamioides n. sp. Bornholm. Müller, H. l.c. No. 6, 1903, (34-35, with pl.).

Williamsonia angustifolia, ausführliche Beschreibung, besonders mit Rücksicht auf die Blüten. Nathorst, A. G. l.c. No. 4, 1902, (9-16, mit Taf.).

6500.75 CRETACEOUS.

Abietites glückii n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Baiera ? sp. Rikuzen. Yokoyama, M. Tokyo, J. Coll. Sci., 18, Art. 6, 1904, (10, pl. I, fig. 2).

Ceratostrobus. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (108).

Cunninghamia. Bayer, E. in Frič und Bayer. l.c. (97-98).

Cyparissidium. Bayer, E. in Frič und Bayer. l.c. (109).

Dammara. Bayer, E. in Frič und Bayer. l.c. (95).

Dioonites. Bayer, E. in Frič und Bayer. l.c. (88).

Echinostrobus. Bayer, E. in Frič und Bayer. l.c. (106-107).

Frenelopsis. Bayer, E. in Frič und Bayer. l.c. (112).

Geinitzia microcarpa n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Krannera. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (93).

Microzamia. Bayer, E. in Frič und Bayer. l.c. (92).

? *dubia* n. sp. New Jersey. Berry, E. W. New York, N.Y., Bull. Torrey Bot. Cl., 32, 1905, (43-48, with 2 pls.).

Nilssonia. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (88).

Pinus. Bayer, E. in Frič und Bayer. l.c. (93-100).

Plutonina. Bayer, E. in Frič und Bayer. l.c. (101).

Podozamites. Bayer, E. in Frič und Bayer. l.c. (90-92).

Sequoia. Bayer, E. in Frič und Bayer. l.c. (102-105).

_____ *intermedia* n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Zamiopsis brevipennis n. sp. Richter, P. l.c. (20, mit 2 Taf.).

Zamites. Bayer, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, 11, Nr. 2, 1901, (180 + IV).

6500.80 CAENOZOIC.

Cucumites lesquereuxii Kn. Vermont. Perkins, G. H. Vermont, Rep. Geol., Burlington, 1903-1904, 1904, (211-212).

Drupa rhabdosperma Lx. Vermont. Perkins, G. H. l.c. (210-211).

Illicium lignitum Lx. Vermont. Perkins, G. H. l.c. (210).

Pinus nn. spp. Vermont. Perkins, G. H. Vermont, Rep. Geol., Burlington, 1903-1904, 1904, (209).

6500.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Picea excelsa var. *alpestris* Brügger. Deutschland. Glück, H. Heidelberg, Mitt. geol. Landesanst., 4, 1903, (397-428, mit 1 Taf.).

Pinus. Kerner, F. v. Wien, Jahrb. Geol. RchsAnst., 55, 1905, (604).

Sequoia penhallowii n. sp. California. Jeffrey, E. C. Bot. Gaz., Chicago, Ill., Univ. Chic., 38, 1904, (321-332, with 2 pls.).

6500.95 PLEISTOCENE AND RECENT.

Picea excelsa var. *alpestris* Brügger. Deutschland. Glück, H. Heidelberg, Mitt. geol. Landesanst., 4, 1903, (397-428, mit 1 Taf.).

6600 CYCADOFILICES.

6600.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Grand'Eury. Sur les rhizomes et les racines des fougères et des cycadofilices. Paris, C.-R. Acad. sci., **133**, 1904, (607-608).

Zeller, R. Observations au sujet du mode de fructification des Cycadofilices. l.c. (663-665).

6600.45 PALAEOZOIC.

Ward, L. F. Paleozoic seed plants. Science, New York, N.Y., (N. Ser.), **20**, 1904, (279-281).

6600.55 UPPER PALAEOZOIC.

GENERAL.

Arber, E. A. The seed-bearing habit in the Lyginodendreae. Cambridge, Proc. Phil. Soc., **13**, 1905, (158-160).

Coulter, J. M. "Pteridospermaphyta." Science, New York, N.Y., (N. Ser.), **20**, 1904, (149).

Oliver, F. W. Ueber die neuentdeckten Samen der Steinkohlenfarne. Biol. Centralbl., Leipzig, **25**, 1905, (401-418).

Ward, L. F. The Pteridospermaphyta. Science, New York, N.Y., (N. Ser.), **20**, 1904, (25-26).

SPECIAL.

Lagenostoma nn. spp. **Arber, E. A. N.** London, Proc. R. Soc., **76**, 1905, (247, 251).

— *kidstoni* S. & A., *L. sinclairi* Kidston. **Scott, D. H.** and **Arber, E. A. N.** London, Rep. Brit. Ass., **1904**, (1905), (778).

Lyginodendron, presence of gymnospermous seeds in. **Berry, E. W.** Science, New York, N.Y., (N. Ser.), **20**, 1904, (56-57, 86-87).

6700 VASCULAR CRYPTOGAMS.

6700.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Grand'Eury. Sur les rhizomes et les racines des fougères fossiles et des

cycadofilices. Paris, C.-R. Acad. sci., **133**, 1904, (607-608).

SPECIAL.

Calamites, relation of root to stem. **Mason, A. J.** Ann. Bot., Oxford, **12**, 1905, (61-74, with pls. and fig.).

Lepidodendron, Nomenclatur und Artkritik. **Fischer, F.** Berlin, Abh. geol. Landesanst., (N.F.), H. **38**, 1904, (iii + 80).

Psaronius brasiliensis. **Schubert, H.** In: Festschrift für P. Ascherson, Berlin, 1904, (18-26).

Stauropteris oldhamia Binney, sporangia. **Scott, D. H.** N. Phytol., London, **4**, 1905, (114-120, with figs.).

6700.55 UPPER PALAEOZOIC.

GENERAL.

Peklo, Jaroslav. Psaronien—Stämme der fossilen Marattiaceen. (Čechisch) Prag, Věstn. Česká Ak. Frant. Jm., **12**, 1904, (669-680).

Renault, B. Quelques remarques sur les cryptogames anciennes et les sols fossiles de végétation. Paris, C.-R. Acad. sci., **133**, 1904, (1237-1239).

SPECIAL.

Archaeopteris intermedia n. sp. Bären-Insel. **Nathorst, A. G.** Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (18-19, with pl.).

Bothrodendron (Cyclostigma) brevifolium n. sp. Bären-Insel. **Nathorst, A. G.** l.c. (40-41, with pl.).

— *punctatum*, *B. minutifolium*, **Zalëskij, M.** St. Petersburg, Mém. Com. géolog., (N. sér.), **13**, 1904, (43-44); rés. fr., (105-107).

Bothrostrobilus olryi. **Zalëskij, M.** l.c. (44), rés. fr. (107).

Cephalotheca n. gen., *C. affinis*. C.? *major*, *C. mirabilis*, nn. spp. Bären-Insel. **Nathorst, A. G.** Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (15-17, with pl.).

Fayolia from Ilkeston. **Newton, E. T.** London, Q. J. Geol. Soc., **61**, 1905, (Proc. i).

Glossopteris, morphology. **Arber**,
E. A. N. London, Rep. Brit. Ass.,
1904, (1905), (781).

— *browniana*, Brongn.,
sporangium-like organs of. **Arber**,
E. A. N. London, Q. J. Geol. Soc., 61,
1905, (324–338, with pls.).

Lepidodendron nn. spp. [Lepidoden-
draceae]. **Herrick**, C. L. J. Geol.,
Chicago, Ill., 12, 1904, (250–251).

— nn. spp. Russland.
Zalésakij, M. St. Petersburg, Mém. Com.
géolog., (N. sér.), 13, 1904, (3–30); rés.
fr., (81–99).

Lepidophloios larinus. **Zalésakij**, M.
l.c. (30); rés. fr., (99–101).

Lepidophyllum lanceolatum, *L. majus*.
Zalésakij, M. l.c. (42); rés. fr., (104–
105).

Lepidostrobus kidstoni n. sp., Russland.
L. squarrosus, *L. variabilis*. **Zalésakij**,
M. l.c. (39–41); rés. fr., (102–105).

Lycopodites carbonaceus. **Zalésakij**, M.
l.c. (38); rés. fr., (102).

Macrostachya heerii n. sp. Bären-
Insel. **Nathorst**, A. G. Stockholm,
Vet.-Ak. Handl., 36, No. 3, 1902, (28–
29, with pl.).

Phyllothea etheridgei n. sp. N. S.
Wales. **Arber**, E. A. N. Catal. Glosso-
pteris Flora, Brit. Mus., 1905, (26).

Pteridorachis n. gen., provisorischer
Name für Farnspindelreste, die als
Abdrücke oder in verkohltem Zustande
vorliegen. **Nathorst**, A. G. Stockholm,
Vet.-Ak. Handl., 36, No. 3, 1902,
(11–13).

Rhizopteris nordenskiöldi n. sp.
Bären-Insel. **Nathorst**, A. G. l.c.
(10, with pl.).

Sigillaria nn. spp. and several old
spp. Russland. **Zalésakij**, M. St.
Petersburg, Mém. Com. géolog., (N. sér.),
13, 1904, (47–73); rés. fr., (108–123).

Sphenophyllum (Trizygia) costae n. sp.
Sterzel, [J. T.]. Chemnitz, Ber. natw.
Ges., 15, (1899–1903), 1904, (LXIX–
LXXII).

— *fertile* n. sp. **Scott**, D. H.
London, Rep. Brit. Ass., 1904, 1905,
(777–778); London, Phil. Trans. R. Soc.,
198 B, 1905, (17–39, with 3 pls.).

— *subtenerrimum* n. sp.
Bären-Insel. **Nathorst**, A. G. Stock-

holm, Vet.-Ak. Handl., 36, No. 3, 1902,
(23–24, with pl.).

Sphenopteridium keilhauii n. sp.
Bären-Insel. **Nathorst**, A. G. l.c. (13–
14, with pl.).

Stigmaria ficoides. **Zalésakij**, M. St.
Petersburg, Mém. Com. géolog., (N. Sér.),
13, 1904, (77–80), rés. fr., (123–124, pl.).

Syringodendron alternans, *S. tschernyschewi* n. sp. Russland. **Zalésakij**, M.
l.c. (76), rés. fr. (123).

Ulodendron. **Zalésakij**, M. (N. Sér.).
l.c. (35–36); rés. fr. (101–102).

6700.60 MESOZOIC.

Asplenites cladophleboides n. sp.
Bornholm. **Möller**, Hj. Lund, Univ.
Årsskr., Afd. 2, 38, No. 5, 1902, (27,
with pl.).

Cladophlebis hirta n. sp. Bornholm.
Möller, Hj. l.c. (30–31, with pl.).

Ctenis nathorsti n. sp. Bornholm.
Möller, Hj. l.c. (38, with pl.).

Dicksonia pauciloba n. sp. Born-
holm. **Möller**, Hj. l.c. (21, with pl.).

Dictyophyllum bartholini n. sp. Born-
holm. **Möller**, Hj. l.c. (44–45, with
pl.).

Hausmannia (Protorhipis) acutidens
n. sp. Bornholm. **Möller**, Hj. l.c.
(44–45, with pl.).

Sphenopteris acutidens n. sp. Born-
holm. **Möller**, Hj. l.c. (23, with pl.).

6700.75 CRETACEOUS.

Acrostichum. **Bayer**, E. in Frič und
Bayer. Arch. Natw. LdDurchf. Böh-
men, Prag, 11, Nr. 2, 1901, (61–69).

Dicksonia. **Bayer**, E. in Frič und
Bayer. l.c. (76).

Dipterophyllum. **Bayer**, E. in Frič
und Bayer. l.c. (73).

Drynaria. **Bayer**, E. in Frič und
Bayer. l.c., (70–72).

Equisetum zeilleri n. sp. **Richter**, P.
Kreidepflanzen Quedlinburgs, 1904, (20,
mit 2 Taf.).

Gleichenia. **Bayer**, E. in Frič und
Bayer. Arch. Natw. LdDurchf. Böh-
men, Prag, 11, Nr. 2, 1901, (79–80).

Gymnogramme. Bayer, E. in Frič und Bayer. l.c. (70).

Marsilia. Bayer, E. in Frič und Bayer. l.c. (86).

Oncopteris. Bayer, E. in Frič und Bayer. l.c. (84).

Paracallipteris potonisi n. sp. Richter, P. Kreidepflanzen Quedlinburgs, 1904, (20, mit 2 Taf.).

Parathinnfeldia dubia n. sp. Richter, P. l.c. (20, mit 2 Taf.).

Tempekyia. Bayer, E. in Frič und Bayer. Arch. Natw. Ld. Durchf. Böhmen, Prag, 11, Nr. 2, 1901, (77).

7300 CHARACEAE.

7300.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Kerner v[on Marilaun], Fritz [Ritter]. Neopflanzen vom Nordrande des Sinjsko Polje in Mitteldalmatien. Wien, Jahrb. Geol. Reichsanst., 55, 1905, (593-612, mit 1 Taf.).

Chara. Kerner, F. v. l.c. (600-601, Taf. XV, fig. 4).

7400 ALGAE AND SCHIZOPHYCEAE.

7400.35 GENERAL, INCLUDING STRATA OF UNKNOWN AGE.

Acanthodiscus n. gen., *A. rugosus* sp. Pantocsek, J. Beitr. Kennt. foss. Bacillarien Ungarns, Berlin, 1903.

Achnanthes löczyi n. sp., *A. baldjickii* var. *subquadrata* n. var. Pantocsek, J. l.c.

Actinocyclus nn. spp. Pantocsek, J. l.c.

Actinodictyon n. gen., *A. antiquorum*, *A. weissflogii*, nn. spp. Pantocsek, J. l.c.

Actinopteryx nn. spp., nn. varr. Pantocsek, J. l.c.

Alloeoneis nn. spp. Pantocsek, J. l.c.

Amphiprora nn. spp. Pantocsek, J. l.c.

Amphora nn. spp., nn. varr. Pantocsek, J. l.c.

Anisodiscus n. gen., *A. pantocsekii* n. sp. Grün in Pantocsek, J. l.c.

Arachnoidiscus nn. spp. Pantocsek, J. l.c.

Asterolampra marylandica var. *fossilis* n. var. Pantocsek, J. l.c.

Asteromphalus nn. spp. Pantocsek, J. l.c.

Aulacodiscus nn. spp., nn. varr. Pantocsek, J. l.c.

Auliscus nn. spp., *A. stoeckhardtii* var. *flavescens* n. var. Pantocsek, J. l.c.

Auricula nn. spp. Pantocsek, J. l.c.

Berkeleya nn. spp. Pantocsek, J. l.c.

Biddulphia nn. spp., nn. varr. Pantocsek, J. l.c.

Brightwellia russica n. sp. Pantocsek, J. l.c.

Campylodiscus nn. spp. Pantocsek, J. l.c.

Centroporus n. gen., *C. crassus* n. sp. Pantocsek, J. l.c.

Cerataulus nn. spp., nn. varr. Pantocsek, J. l.c.

Chaetoceros nn. spp. Pantocsek, J. l.c.

Cheloniodiscus n. gen., *C. ananiensis* n. sp. Pantocsek, J. l.c.

Clavicula n. gen., *C. biharensis*, *C. jimboi*, *C. kinkerii*, *C. sahalensis* nn. spp. Pantocsek, J. l.c.

Climacosphenia moniligera Ehrbg. var. *hungarica* n. var. Pantocsek, J. l.c.

Cocconeis nn. spp., nn. varr. Pantocsek, J. l.c.

Coscinodiscus nn. spp. Pantocsek, J. l.c.

Coscinoides deformatus n. sp. Pantocsek, J. l.c.

Craspedodiscus weissflogii n. sp. Pantocsek, J. l.c.

Craspedoporus truunii n. sp. Pantocsek, J. l.c.

Craticula hungarica n. sp. Pantocsek, J. l.c.

Cyclotella nn. spp., n. var. Pantocsek, J. l.c.

- Cymatopleura* nn. spp. **Pantocsek, J. l.c.**
Cymatosira ? *biharensis* n. sp. **Pantocsek, J. l.c.**
Cymbella nn. spp., nn. varr. **Pantocsek, J. l.c.**
Debya n. gen., *D. insignis* n. sp. **Pantocsek, J. l.c.**
Diatoma fossile n. sp., *D. anceps* var. *fossilis* n. var. **Pantocsek, J. l.c.**
Dimeregramma *boryanum* n. sp. **Pantocsek, J. l.c.**
Dycladia *japonica* n. sp. **Pantocsek, J. l.c.**
Endietya nn. spp. **Pantocsek, J. l.c.**
Entopyla nn. spp. **Pantocsek, J. l.c.**
Epithelion n. gen., *E. curvatum* *E. hungaricum*, *E. russicum*, *E. spinifer* nn. spp. **Pantocsek, J. l.c.**
Epithemia nn. spp., nn. varr. **Pantocsek, J. l.c.**
Ethmodiscus nn. spp. **Pantocsek, J. l.c.**
Euodia *hungarica* n. sp. **Pantocsek, J. l.c.**
Eunotia nn. spp. **Pantocsek, J. l.c.**
Fragilaria nn. spp., nn. varr. **Pantocsek, J. l.c.**
Gomphonema nn. spp., nn. varr. **Pantocsek, J. l.c.**
Goniothecium ?? *szakalense* n. sp. **Pantocsek, l.c.** Teil. 1, (44).
Grammatophora nn. spp., nn. varr. **Pantocsek, J. l.c.**
Gyrodiscus *hungaricus* n. sp. **Pantocsek, J. l.c.**
Haynaldella n. gen., *H. antiqua* n. sp. **Pantocsek, J. l.c.**
Hemiaulus nn. spp. **Pantocsek, J. l.c.**
Himantidium *boryanum* n. sp. **Pantocsek, J. l.c.**
Hyalodiscus nn. spp. **Pantocsek, J. l.c.**
Hydrosera *boryana* n. sp., var. *hexagona* n. var. **Pantocsek, J. l.c.**
Isthmia *szabói* n. sp. **Pantocsek, J. l.c.**
Kentrodiscus n. gen., *K. fossilis* n. sp. **Pantocsek, J. l.c.** Bd. 2, (76-77).
Keratophora n. gen., *K. nitida*, *K. robusta*, *K. russica* nn. spp. **Pantocsek, J. l.c.**
Ktenodiscus n. gen., *K. hungaricus*, *K. russicus* nn. spp. **Pantocsek, J. l.c.**
Lamprotediscus *fasciculatus* n. sp. **Pantocsek, J. l.c.**
Mastogloia nn. spp., nn. varr. **Pantocsek, J. l.c.**
Mastogonia *simbirekiana* n. sp. **Pantocsek, J. l.c.**
Melosira nn. spp., nn. varr. **Pantocsek, J. l.c.**
Navicula nn. spp. nn. varr. **Pantocsek, J. l.c.**
Nitzschia nn. spp., nn. varr. **Pantocsek, J. l.c.**
Nueula nn. spp., nn. varr. **Pantocsek, J. l.c.**
Odontella nn. spp. **Pantocsek, J. l.c.**
Odontotropis nn. spp. **Pantocsek, J. l.c.**
Orthoneis nn. spp. **Pantocsek, J. l.c.**
Pantocsekia n. gen., *P. clivosa* n. sp. **Grun in Pantocsek, J. l.c.**
Paralia nn. spp., n. var. **Pantocsek, J. l.c.**
Peronia *boryana* n. sp. **Pantocsek, J. l.c.**
Plagiogramma nn. spp. **Pantocsek, J. l.c.**
Pleurosigma nn. spp. **Pantocsek, J. l.c.**
Ploiaria n. gen., *P. petasiformis*. **Pantocsek, J. l.c.**
Podosira nn. spp. **Pantocsek, J. l.c.**
Pseudoauliscus nn. spp. **Pantocsek, J. l.c.**
Pseudocerataulus n. gen., *P. kinkerii*, *P. kochii*, *P. temperei* nn. spp. **Pantocsek, J. l.c.**
Pyrgodiscus *kinkerii* n. sp. **Pantocsek, J. l.c.**
Pyxilla nn. spp., nn. varr. **Pantocsek, J. l.c.**
Rhabdonema nn. spp., nn. varr. **Pantocsek, J. l.c.**
Rhaphoneis nn. spp., nn. varr. **Pantocsek, J. l.c.**

Khizadensis squamosa n. sp. Pantocsek, J. l.c.

Rutilaria nn. spp. Pantocsek, J. l.c.

Salacia n. gen., *S. boryana* n. sp. Pantocsek, J. l.c.

Scolioleuca anhalensis n. sp. Pantocsek, J. l.c.

Stauroneis nn. spp. Pantocsek, J. l.c.

Stauroneis nn. spp., nn. varr. Pantocsek, J. l.c.

Stephanodiscus nn. spp. Pantocsek, J. l.c.

Stephanogonia nn. spp. Pantocsek, J. l.c.

Stephanopyxis nn. spp. Pantocsek, J. l.c.

Stictodiscus nn. spp. Pantocsek, J. l.c.

Stigmaphora ? *hungarica* n. sp. Pantocsek, J. l.c.

Stylobilium nn. spp. Pantocsek, J. l.c.

Surirella nn. spp., nn. varr. Pantocsek, J. l.c.

Syndetoneis russica n. sp. Pantocsek, J. l.c.

Synedra nn. spp., nn. varr. Pantocsek, J. l.c.

Terpinioë nn. spp. Pantocsek, J. l.c.

Tetracyclus lacustris var. *fossilis* n. var. Pantocsek, J. l.c.

Triceratium nn. spp., nn. varr. Pantocsek, J. l.c.

Trinacria nn. spp., nn. varr. Pantocsek, J. l.c.

Truonia n. gen., *T. archangeliskiana* n. sp. Pantocsek, J. l.c.

Tschestnowia n. gen., *T. mirabilis* n. sp., var. *partita* n. var., var. *polygona* n. var. Pantocsek, J. l.c.

Vanheurekella n. gen., *V. admirabilis* n. sp. Pantocsek, J. l.c.

Wittia n. gen., *W. insignis* n. sp. Pantocsek, J. l.c.

Xanthiopyxis panduraeformis n. sp. Pantocsek, J. l.c.

Zygoceros antiquus nn. spp., n. var. Pantocsek, J. l.c.

7400.55 UPPER PALAEOGEO.

Sphaerocerosites dydimus n. sp. Deutschland. Sturms, [J. T.] Chaud., Ber. natw. Ges., 25, (1899-1900, 1901, (LXIX-LXXII, mit 1 Taf.).

7400.65 TRIASSIC.

Dactyliosira cancellulata Her. Schuster, H. Stuttgart, Jahrbuch Ver. Natk., 68, 1904, (351-356).

7400.75 CRETACEOUS.

Trichodanidium. Rehnisch, P. F. Centralbl. Min., Stuttgart, 1906, (402-407).

7400.90 UPPER CAENOZOIC (MIOCENE, PLIOCENE).

Achnanthes lanceolata (Bröb.) Grun. Pantocsek, J. Pozsonyi Orv.-term. Egtl. Közlem., 24, (1903), 1904, (11).

Cocconeis boryana Pant. Pantocsek, J. l.c. (11).

Cyclotella pygmaea n. sp. Ungarn. Pantocsek, J. l.c. (15).

Cymbella nn. spp. Pantocsek, J. l.c. (4-5).

Disiphonia hungarica n. sp. Ungarn. Pantocsek, J. l.c. (14).

Encyonema caespitosum Ky. var. *fossilis* n. var.; *E. validum* Pant. Pantocsek, J. l.c. (5).

Epithemia arcuata Pant. and nn. varr. Pantocsek, J. l.c. (11-12).

Eunotia nn. spp. *E. (Himantidium) pectinalis* (Kg.) Rbh. Pantocsek, J. l.c. (12-13).

Fragilaria brevistriata Grun.; *F. Venter*. Pantocsek, J. l.c. (13-14).

Gomphonema nn. spp. Ungarn, *G. bengalense* Grun., *G. vanheurekii* Pant., *G. vibrio* E. Pantocsek, J. l.c. (10-11).

Melosira arenaria Moore, *M. granulata* Ralfs. var. *boryana* Pant., *M. undulata* Kg. var. *pygmaea* n. var. Pantocsek, J. l.c. (15).

Navicula nn. spp. Ungarn., *N. amphirhynchus*, *N. acerna* P. H., *N. carpathorum* Pant., *N. fussidium*, *N. mesolepta*, *N. nobilis* Kg. var. *interrupta* Pant., *N. oblongella* Naeg., *N. parmula* Bréb., *N. pupula* Kg., *N. rhynchocephala* Kg., *N. viridis* (Nitzsch) Kg. var. *pachyptera* Pant. forma *interrupta* Pant., *N. viridis* (Nitzsch) Kg. var. *parallelestriata* Pant. forma *staurophora* Pant. **Pantocsek**, J. l.c. (5-10).

Nitzschia (*Synedra*) *spectabilis* Ralfs. **Pantocsek**, J. l.c. (14).

Phacotus lenticularis. **Lagerheim**, G. Stockholm, Geol. För. Förh., **24**, 1902, [1903], (745-500, with pl.).

Rhopalodia gibba O. Müll. var. *incisa* n. var. **Pantocsek**, J. Pozsonyi Orv.-termt. Egl. Közlem., **24**, (1903), 1904, (12).

Semseyia hungarica n. sp. Ungarn. **Pantocsek**, J. l.c. (13).

Stauroneis anceps, *S. phoenicenteron* var. *angustior* n. var. **Pantocsek**, J. l.c. (5).

Stephanodiscus entzii n. sp. Ungarn. **Pantocsek**, J. l.c. (16).

Synedra affinis Kg. forma *nuda* Pant., *S. obtusa* W. Sm. **Pantocsek**, J. l.c. (13).

Széchenyia n. gen., *S. antiqua*, *S. gracilis*, *S. ornata* nn. spp. Ungarn. **Pantocsek**, J. l.c. (14-15).

7400.95 PLEISTOCENE AND RECENT.

Phacotus lenticularis. **Lagerheim**, G. Stockholm, Geol. För. Förh., **24**, 1902, [1903], (745-500, with pl.).

7700 FUNGI, BACTERIA AND MYCETOZOA.

7700.75 CRETACEOUS.

Cercospora. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (66).

Phacidium. **Bayer**, E. in Frič und Bayer. l.c. (67).

Puccinities. **Bayer**, E. in Frič und Bayer. l.c. (65).

7700.80 CAENOZOIC.

Sphaeria radialis n. sp. Vallendar am Rhein. **Engelhardt**, H. Wiesbaden, Jahrb. Ver. Natk., **58**, 1905, (295-319).

7900 PLANTS OF UNASCERTAINED POSITION.

7900.55 UPPER PALAEOZOIC.

Anarthrocanna güpperti n. sp. Bären-Insel. **Nathorst**, A. G. Stockholm, Vet.-Ak. Handl., **36**, No. 3, 1902, (42, with pl.).

Codonophyton n. gen., *C. epiphyticum* n. sp. Bären-Insel. **Nathorst**, A. G. l.c. (45-47, with pl.).

7900.75 CRETACEOUS.

Carpolithes. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (160).

Carpolithus nn. spp. New Jersey. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **32**, 1905, (43-48, with 2 pls.).

Corticites. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (161).

Devalquea. **Bayer**, E. in Frič und Bayer. l.c. (158).

Phyllites cliffwoodensis n. sp. New Jersey. **Berry**, E. W. New York, N.Y., Bull. Torrey Bot. Cl., **32**, 1905, (43-48, with 2 pls.).

Pseudoausterophyllites. **Bayer**, E. in Frič und Bayer. Arch. Natw. LdDurchf. Böhmen, Prag, **11**, Nr. 2, 1901, (87).

Sagenopteris. **Bayer**, E. in Frič und Bayer. l.c. (86).

7900.80 CAENOZOIC.

Glossocarpellites n. gen., type *Carpolithes parvus* Perkins. **Perkins**, G. H. Rochester, N.Y., Bull. Geol. Soc. Amer., **16**, 1905, (510-511). Separate. 25.5 cm.

LIST OF NEW GENERA AND SPECIES.

5400 DICOTYLEDONS.

ACACIA [Leguminosae].

beneschi. Brabene. 2849.

APEIBOPSIS [Incertae sedis].

parva. Perkins. 3273.

ARISTOLOCHITES [Aristolochiaceae].

acutus. Perkins. 3273.

apicalis. Perkins. 3273.

brandonianus. Perkins. 3273.

conoides. Perkins. 3273.

crassicoctatus. Perkins. 3273.

cuneatus. Perkins. 3273.

curvata n. comb. Perkins. 3273.

dubius. Perkins. 3273.

elegans. Perkins. 3273.

excavatus. Perkins. 3273.

globosus. Perkins. 3273.

irregularis. Perkins. 3273.

latiusulcatus. Perkins. 3273.

majus. Perkins. 3273.

ovoides. Perkins. 3273.

rugosus. Perkins. 3273.

sulcatus. Perkins. 3273.

Bicarpellites n. gen. [Juglandae].

Perkins. 3273.

knoultoni. Perkins. 3273.

minus. Perkins. 3273.

obesus. Perkins. 3273.

rotundus. Perkins. 3273.

rugosus. Perkins. 3273.

vermontanus n. comb. Perkins. 3273.

BIGNONIA [Bignoniaceae].

westerhausiana. Richter. 3317.

Brandonia n. gen. [Juglandae]. Perkins. 3273.

globulus. Perkins. 3273.

CARPITES [Incertae sedis].

inequalis. Perkins. 3273.

ovalis. Perkins. 3273.

trigonus. Perkins. 3273.

CARPOLITHES [Incertae sedis].

elongatus. Perkins. 3273.

emarginatus. Perkins. 3273.

grandia. Perkins. 3273.

hatchcockii. Perkins. 3273.

mucronatus. Perkins. 3273.

obtus. Perkins. 3273.

ovatus. Perkins. 3273.

parvus. Perkins. 3273.

simplex. Perkins. 3273.

solidus. Perkins. 3273.

vermontanus. Perkins. 3273.

CERATOPHYLLUM [Ceratophylleae].

sinjanum. Kerner. 3107.

CINNAMOMUM [Laurineae].

corrugatum. Perkins. 3273.

lignitum. Perkins. 3273.

ovoides. Perkins. 3273.

EUCALYPTUS [Myrtaceae].

wardiana n. nom. Berry. 2826.

FICUS [Urticaceae].

daphnogenoides n. comb. Berry. 2827.

HICORIA [Juglandae].

diacuminata. Perkins. 3273.

Hicoroides n. gen. [Juglandae]. Perkins. 3273.

angulata. Perkins. 3273.

ellipsoidea. Perkins. 3273.

globulus. Perkins. 3273.

parva. Perkins. 3273.

triangularis. Perkins. 3273.

JUGLANS [Juglandae].

brandonianus. Perkins. 3273.

LAURUS [Laurineae].
 — *ungeri*. Engelhardt. 2960.

LIRIODENDRON [Magnoliaceae].
 — *schwarzii*. Richter. 3317.

Monocarpellites n. gen. [Juglandae].
 — Perkins. 3273.
 — *elegans*. Perkins. 3273.
 — *gibbosus*. Perkins. 3273.
 — *hitchcockii*. Perkins. 3273.
 — *irregularis*. Perkins. 3273.
 — *medius*. Perkins. 3273.
 — *orbicularis*. Perkins. 3273.
 — *ovalis*. Perkins. 3273.
 — *pyramidalis*. Perkins. 3273.
 — *sulcatus*. Perkins. 3273.
 — *vermontanus*. Perkins. 3273.
 — *whitfieldii*. Perkins. 3273.

MYRICA [Myricaceae].
 — *brittoniana* n. nom. Berry.
 2826.

NYSSA [Cornaceae].
 — *ascoidea*. Perkins. 3273.
 — *clarkii*. Perkins. 3273.
 — *crassicostata*. Perkins. 3273.
 — *curta*. Perkins. 3273.
 — *cylindrica*. Perkins. 3273.
 — *elongata*. Perkins. 3273.
 — *equicostata*. Perkins. 3273.
 — *excavata*. Perkins. 3273.
 — *jonesii*. Perkins. 3273.
 — *lamellosa*. Perkins. 3273.
 — *lescurii* n. comb. Perkins.
 3273.
 — *multicostata*. Perkins. 3273.
 — *ovata*. Perkins. 3273.
 — *solea*. Perkins. 3273.

Frunoides n. gen. [Rosaceae].
 — Perkins. 3273.
 — *bursaeformis* n. comb. Perkins.
 3273.
 — *seelyi*. Perkins. 3273.

Rubioides n. gen. [Rubiaceae].
 — Perkins. 3273.
 — *lignita*. Perkins. 3273.

Sapindoides n. gen. [Sapindaceae].
 — Perkins. 3273.
 — *americanus* n. comb. Perkins.
 3273.
 — *cylindricus*. Perkins. 3273.
 — *medius*. Perkins. 3273.
 — *minus*. Perkins. 3273.
 — *parva*. Perkins. 3273.
 — *varius*. Perkins. 3273.
 — *vermontanus*. Perkins. 3273.

TRICARPELLITES [Juglandae].
 — *acuminatus*. Perkins. 3273.
 — *amygdaloideus*. Perkins.
 3273.
 — *angularis*. Perkins. 3273.
 — *carinatus*. Perkins. 3273.
 — *castanoides*. Perkins. 3273.
 — *contractus*. Perkins. 3273.
 — *daleii*. Perkins. 3273.
 — *elongatus*. Perkins. 3273.
 — *fagoideus*. Perkins. 3273.
 — *flexilis* n. comb. Perkins.
 3273.
 — *hemiovalis*. Perkins. 3273.
 — *inequalis*. Perkins. 3273.
 — *lignitus*. Perkins. 3273.
 — *major*. Perkins. 3273.
 — *obesus*. Perkins. 3273.
 — *ovalis*. Perkins. 3273.
 — *pringlei*. Perkins. 3273.
 — *rostratus*. Perkins. 3273.
 — *rugosus*. Perkins. 3273.
 — *seelyi*. Perkins. 3273.

6000 MONOCOTYLEDONS.

CYPERITES [Cyperaceae].
 — *tiluri* n. form. Kerner. 3107.

DAMASONIUM [Alismaceae].
 — *sutinae*. Kerner. 3107.

FLABELLARIA [Malpighiaceae].
 — *magothiensis*. Berry. 2828.

6500 GYMNOSPERMS.

ABIETITES [Coniferae].
 — *glueckii*. Richter. 3317.

ANDROSTROBUS [Cycadaceae].
 — *scotti*. Nathorst. 3214.

Antherangiopsis n. gen. [Cycadaceae].
 — Nathorst. 3214.
 — *rediviva*. Nathorst. 3214.

BEANIA [Cycadaceae].
 — *carruthersi*. Nathorst. 3214.

Cycadocephalus n. gen. [Cycadaceae].
 — Nathorst. 3214.
 — *seuardi*. Nathorst. 3214.

DADOXYLON [Conifera].
 — *australe*. Arber. 2801.

GEINITZIA [Coniferae].
 — *microcarpa*. Richter. 3317.

MICROZAMIA [Cycadaceae].
 — ? *dubia*. Berry. 2826.

AMPHORA.

- _____ *permagna*. Pantocsek. 3262.
 _____ *protracta*. Pantocsek. 3262.
 _____ *salina* var. *fossilis* n. var.
 _____ Pantocsek. 3262.
 _____ *sejuncta*. Pantocsek. 3262.
 _____ *staubii*. Pantocsek. 3262.
 _____ *staurophora*. Pantocsek.
 _____ 3262.
 _____ *striata*. Pantocsek. 3262.
 _____ *strigata*. Pantocsek. 3262.
 _____ *striolata*. Pantocsek. 3262.
 _____ *suavis*. Pantocsek. 3262.
 _____ *szabóii*. Pantocsek. 3262.
 _____ *szontághii*. Pantocsek. 3262.
 _____ *tertiaria*. Pantocsek. 3262.
 _____ *transsylvanica*. Pantocsek.
 _____ 3262.
 _____ *verrucosa*. Pantocsek. 3262.
 _____ *vittata*. Pantocsek. 3262.
 _____ *uiesneri*. Pantocsek. 326

- Anisodiscus** n. gen. Grun. 3262.
 _____ *pantocsekii*. Grun. 3262

ARACHNOIDISCUS.

- _____ *giganteus*. Pantocsek. 3262.
 _____ *russicus*. Pantocsek. 3262.
 _____ *simbirskianus*. Pantocsek.
 _____ 3262.

ASTEROLAMPRA.

- _____ *marylandica* var. *fossilis*
 _____ n. var. Pantocsek. 3262.

ASTEROMPHALUS.

- _____ *brunii*. Pantocsek. 3262.
 _____ *debyi*. Pantocsek. 3262.
 _____ *grotei*. Pantocsek. 3262.
 _____ *hungaricus*. Pantocsek.
 _____ 3262.
 _____ *kinkerii*. Pantocsek. 3262.

AULACODISCUS.

- _____ *ananinensis*. Pantocsek.
 _____ 3262.
 _____ *antiquus*. Pantocsek. 3262.
 _____ *boryanus*. Pantocsek. 3262.
 _____ *chasei*. Pantocsek. 3262.
 _____ *cruciatu*s. Pantocsek. 3262.
 _____ *darwinii*. Pantocsek. 3262.
 _____ *debyi*. Pantocsek. 3262.
 _____ *gurovii*. Pantocsek. 3262.
 _____ *habirshaurii*. Pantocsek.
 _____ 3262.
 _____ *haynaldii*. Pantocsek. 3262.
 _____ *hispidus*. Pantocsek. 3262.
 _____ *hungaricus*. Pantocsek.
 _____ 3262.
 _____ *hyalinus*. Pantocsek. 3262.
 _____ *hystrix*. Pantocsek. 3262.
 _____ *interruptus*. Pantocsek.
 _____ 3262.

AULACODISCUS.

- _____ *kellerii*. Pantocsek. 3262.
 _____ *lahusenii* var. *partita* n. var.
 _____ Pantocsek. 3262.
 _____ *ledebourii*. Pantocsek. 3262.
 _____ *lunyacsekii*. Pantocsek.
 _____ 3262.
 _____ *margaritaceus* var. *hun-*
 _____ *garica* n. var. Pantocsek.
 _____ 3262.
 _____ *neogradensis*. Pantocsek.
 _____ 3262.
 _____ *nigrescens*. Pantocsek.
 _____ 3262.
 _____ *notabilis*. Pantocsek. 3262.
 _____ *peragalloi*. Pantocsek. 3262.
 _____ *reticulatus*. Pantocsek. 3262.
 _____ *simbirskianus*. Pantocsek.
 _____ 3262.
 _____ *subangulatus*. Pantocsek.
 _____ 3262.
 _____ *szakalensis*. Pantocsek.
 _____ 3262.
 _____ *truani*. Pantocsek. 3262.
 _____ *tachestnouri*. Pantocsek.
 _____ 3262.
 _____ *tuberculatus*. Pantocsek.
 _____ 3262.
 _____ *uiesflogii*. Pantocsek. 3262.

AULISCU.

- _____ *haradaae*. Pantocsek. 3262.
 _____ *hauckii*. Pantocsek. 3262.
 _____ *jímboi*. Pantocsek. 3262.
 _____ *lőczyi*. Pantocsek. 3262.
 _____ *stoeckhartii* var. *flavescens*
 _____ n. var. Pantocsek. 3262.

AURICULA.

- _____ *grunovii*. Pantocsek. 3262.
 _____ *szontághii*. Pantocsek. 3262.

BERKELEYA.

- _____ *hungarica*. Pantocsek. 3262.
 _____ *neogradensis*. Pantocsek.
 _____ 3262.

BIDDULPHIA.

- _____ *crassiuscula*. Pantocsek.
 _____ 3262.
 _____ *desdiana*. Pantocsek. 3262.
 _____ *fiatulusa*. Pantocsek. 3262.
 _____ *grotei*. Pantocsek. 3262.
 _____ *gurovii*. Pantocsek. 3262.
 _____ *homala*. Pantocsek. 3262.
 _____ *jímboi*. Pantocsek. 3262.
 _____ *lőczyi*. Pantocsek. 3262.
 _____ *permagna*. Pantocsek. 3262.
 _____ *polycystinica*. Pantocsek.
 _____ 3262.
 _____ var. *sarmatica* n. var.
 _____ Pantocsek. 3262.

BIDDULPHIA.

- *robusta*. Pantocsek. 3262.
- *tridentata* var. *andesitica*
n. var. Pantocsek. 3262.
- *tachestnoui*. Pantocsek.
3262.
- *tuomeyi* var. *boryana* n. var.
Pantocsek. 3262.
- — var. *hungarica* n. var.
Pantocsek. 3262.
- *vasta*. Pantocsek. 3262.

BRIGHTWELLIA.

- *rusica*. Pantocsek. 3262.

CAMPYLODISCUS.

- *bergonii*. Pantocsek. 3262.
- *boryanus*. Pantocsek. 3262.
- *brassayi*. Pantocsek. 3262.
- *bremianus*. Pantocsek. 3262.
- *contortus*. Pantocsek. 3262.
- *crassus*. Pantocsek. 3262.
- *dilatatus*. Pantocsek. 3262.
- *eulensteinii*. Pantocsek.
3262.
- *grunowii*. Pantocsek. 3262.
- *hibernicus* var. *transsylvanicus*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kidstonii*. Pantocsek. 3262.
- *neogradensis*. Pantocsek.
3262.
- *noricus* var. *fossilis* n. var.
Pantocsek. 3262.
- *reticulatus*. Pantocsek. 3262.
- *squamosus*. Pantocsek. 3262.
- *szakalensis*. Pantocsek. 3262.
- *szontághii*. Pantocsek. 3262.

Centroporus n. gen. Pantocsek. 3262.

- *crassus*. Pantocsek. 3262.

CERATAULUS.

- *boryanus*. Pantocsek. 3262.
- *hungaricus*. Pantocsek. 3262.
- *japonicus*. Pantocsek. 3262.
- *peragalloi*. Pantocsek. 3262.
- *turgidus* var. *hispidissima*
n. var. Pantocsek. 3262.
- *weissflogii*. Pantocsek. 3262.

CHAETOCEROS.

- *biharensis*. Pantocsek. 3262.
- *gracilis*. Pantocsek. 3262.
- *hungaricus*. Pantocsek. 3262.
- *pethői*. Pantocsek. 3262.

Cheloniodiscus n. gen. Pantocsek. 3262.

- *ananinensis*. Pantocsek.
3262.

Clavicula n. gen. Pantocsek. 3262.

- *biharensis*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kinkerii*. Pantocsek. 3262.
- *szakalensis*. Pantocsek. 3262.

CLIMACOSPHEMIA.

- *moniligera* var. *hungarica* n.
var. Pantocsek. 3262.

COCCONEIS.

- *andesitica*. Pantocsek. 3262.
- *biharensis*. Pantocsek. 3262.
- var. *minor* n. var.
Pantocsek. 3262.
- *boryana*. Pantocsek. 3262.
- *californica* var. *hungarica*
n. var. Pantocsek. 3262.
- var. *menilitica* n. var.
Pantocsek. 3262.
- *cruciata*. Pantocsek. 3262.
- *de tomiana*. Pantocsek. 3262.
- *dubravicensis*. Pantocsek.
3262.
- *grunowii*. Pantocsek. 3262.
- *haradaae*. Pantocsek. 3262.
- *jimboi*. Pantocsek. 3262.
- *kinkerii*. Pantocsek. 3262.
- *lineata* var. *minor* n. var.
Pantocsek. 3262.
- var. *pygmaea* n. var. Pan-
tocsek. 3262.
- *lunyacsekii*. Pantocsek.
3262.
- *neogradensis*. Pantocsek.
3262.
- *notabilis*. Pantocsek. 3262.
- *pediculus* var. *salinarum* n.
var. Pantocsek. 3262.
- *pellucida* var. *fossilis* n. var.
Pantocsek. 3262.
- *perpusilla*. Pantocsek. 3262.
- *pethői*. Pantocsek. 3262.
- *praececellens*. Pantocsek.
3262.
- *raeana*. Pantocsek. 3262.
- *scutellum* var. *fossilis* n. var.
Pantocsek. 3262.
- *sigma*. Pantocsek. 3262.
- *trachytica*. Pantocsek. 3262.

COSINODISCUS.

- *actinocycloides*. Pantocsek.
3262.
- *armatus*. Pantocsek. 3262.
- *asonumaeae*. Pantocsek.
3262.
- *biharensis*. Pantocsek. 3262.
- *boeckhii*. Pantocsek. 3262.
- *bremianus*. Pantocsek. 3262.
- *brightwellioides*. Pantocsek.
3262.

COSCIINODISCUS.

- clivus*. Pantocsek. 3262.
debyi. Pantocsek. 3262.
deformatus. Pantocsek. 3262.
doljensis. Pantocsek. 3262.
grunovii. Pantocsek. 3262.
haradaae. Pantocsek. 3262.
hispidulus. Pantocsek. 3262.
hungaricus. Pantocsek. 3262.
intumescens. Pantocsek. 3262.
 var. *interrupta* n. var. Pantocsek. 3262.
japonicus. Pantocsek. 3262.
jimboi. Pantocsek. 3262.
kochii. Pantocsek. 3262.
kusnetzianus. Pantocsek. 3262.
mártonfii. Pantocsek. 3262.
neogradensis. Pantocsek. 3262.
peragalloi. Pantocsek. 3262.
pethői. Pantocsek. 3262.
pseudolineatus. Pantocsek. 3262.
sarmaticus. Pantocsek. 3262.
spiraliter-punctatus. Pantocsek. 3262.
szabői. Pantocsek. 3262.
szontághii. Pantocsek. 3262.
transsylvanicus. Pantocsek. 3262.
vetustissimus. Pantocsek. 3262.
weissflogianus. Pantocsek. 3262.

CRASPEDODISCUS.

- weissflogii*. Pantocsek. 3262.

CRASPEDOPORUS.

- truanii*. Pantocsek. 3262.

CRATIOULA.

- hungarica*. Pantocsek. 3262.

CYCLOTELLA.

- pygmaea*. Pantocsek. 3262.
radiato-punctata. Pantocsek. 3262.
transsylvanica. Pantocsek. 3262.
 var. *disseminato-punctata* n. var. Pantocsek. 3262.

CYMATOPLEURA.

- gigantea*. Pantocsek. 3262.
gracilis. Pantocsek. 3262.
kinkerii. Pantocsek. 3262.

CYMATOSIRA.

- ? *biharensis*. Pantocsek. 3262.

CYMBELLA.

- abnormis* var. *fossilis* n. var. Pantocsek. 3262.
austriaca var. *fossilis* n. var. Pantocsek. 3262.
 var. *tumida* n. var. Pantocsek. 3261.
budayiana. Pantocsek. 3262.
 var. *gracilior* n. var. Pantocsek. 3262.
capitata. Pantocsek. 3262.
chyzerii. Pantocsek. 3262.
cistula var. *hungarica* n. var. Pantocsek. 3262.
clementis. Pantocsek. 3262.
cymbiformis var. *producta* n. var. Pantocsek. 3262.
erdőbényiana. Pantocsek. 3262.
gigantea. Pantocsek. 3262.
grata. Pantocsek. 3261.
grunovii. Pantocsek. 3262.
helvetica var. *fossilis* n. var. Pantocsek. 3262.
heresensis. Pantocsek. 3262.
hungarica. Pantocsek. 3262.
jimboi. Pantocsek. 3262.
kavensis. Pantocsek. 3262.
kochii. Pantocsek. 3262.
lanceolata var. *densestriata* n. var. Pantocsek. 3261.
 var. *fossilis* n. var. Pantocsek. 3262.
 var. *robusta* n. var. Pantocsek. 3262.
latestriata. Pantocsek. 3262.
neptuni. Pantocsek. 3262.
neupauerii. Pantocsek. 3262.
obtus. Pantocsek. 3262.
pachyptera. Pantocsek. 3262.
peragalloi. Pantocsek. 3262.
perdurans. Pantocsek. 3262.
perfecta. Pantocsek. 3262.
plutonica. Pantocsek. 3262.
praelara. Pantocsek. 3262.
rákoczyana. Pantocsek. 3262.
salina. Pantocsek. 3262.
simplex. Pantocsek. 3262.
slicensis. Pantocsek. 3261.
staubii. Pantocsek. 3262.
suavis. Pantocsek. 3262.
szontághii. Pantocsek. 3262.
valida. Pantocsek. 3262.
vegeta. Pantocsek. 3262.

- Debya* n. gen. Pantocsek. 3262.

- insignis*. Pantocsek. 3262.

DIATOMA.

- *anceps* var. *fossilis* n. var.
Pantocsek. 3262.
— *fossile*. Pantocsek. 3262.

DIMEREGRAMMA.

- *boryanum*. Pantocsek. 3262.

DISIPHONIA.

- *hungarica*. Pantocsek. 3261.

DYCLADIA.

- *japonica*. Pantocsek. 3262.

ENCYONEMA.

- *caespitosum* var. *fossilis* n.
var. Pantocsek. 3261.

ENDIOTTA.

- *boryana*. Pantocsek. 3262.
— *lunyacekii*. Pantocsek.
3262.
— *schmidtii*. Pantocsek. 3262.

ENTOPYLA.

- *hungarica*. Pantocsek. 3262.
— *rinnboeckii*. Pantocsek.
3262.

- Epithellon** n. gen. Pantocsek. 3262.
— *curvatum*. Pantocsek. 3262.
— *hungaricum*. Pantocsek.
3262.
— *russicum*. Pantocsek. 3262.
— *spinifer*. Pantocsek. 3262.

EPITHEMIA.

- *arcuata* var. *incisa* n. var.
Pantocsek. 3261.
— *argus* var. *fossilis* n. var.
Pantocsek. 3262.
— *biharensis*. Pantocsek. 3262.
— *budayana*. Pantocsek. 3262.
— *cistula* var. *crassa* n. var.
Pantocsek. 3261.
— *debyi*. Pantocsek. 3262.
— *directa*. Pantocsek. 3262.
— *ehrenbergii*. Pantocsek.
3262.
— *erueaeformis*. Pantocsek.
3262.
— var. *subcapitata* n. var.
Pantocsek. 3262.
— *gibba* var. *boryana* n. var.
Pantocsek. 3262.
— *gibberula* var. *perlonga* n.
var. Pantocsek. 3262.
— *incisa*. Pantocsek. 3262.
— *inflexa*. Pantocsek. 3262.
— *multicostata*. Pantocsek.
3262.
— *perlonga*. Pantocsek. 3262.
— *pethöi*. Pantocsek. 3262.
— *salina*. Pantocsek. 3262.

EPITHEMIA.

- *salina* var. *nuda* n. var.
Pantocsek. 3262.
— *sorez* var. *capitata* n. var.
Pantocsek. 3261.
— var. *directa* n. var. Pan-
tocsek. 3261.
— *striolata*. Pantocsek. 3262.
— *subsalsa*. Pantocsek. 3262.
— *tertiaria*. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3261.
— *ventricosa* var. *hungarica* n.
var. Pantocsek. 3262.
— *vittata*. Pantocsek. 3262.

ETHMODISCUS.

- *carinatus*. Pantocsek. 3262.
— *russicus*. Pantocsek. 3262.
— *stellifer*. Pantocsek. 3262.

EUNOTIA.

- *ehrenbergii*. Pantocsek.
3261.
— *flexuosa* var. *trachytica* n.
var. Pantocsek. 3262.
— *gracilis* var. *fossilis* n. var.
Pantocsek. 3262.
— *hungarica*. Pantocsek. 3261.
— var. *gracilior* n. var. Pan-
tocsek. 3261.
— *japonica*. Pantocsek. 3262.
— *pectinalis* var. *trachytica* n.
var. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3262.
— *wettsteinii*. Pantocsek. 3261.

EUODIA.

- *hungarica*. Pantocsek. 3262.

FRAGILARIA.

- *bituminosa*. Pantocsek. 3262.
— *bivittata*. Pantocsek. 3262.
— *brevistriata* var. *fossilis* n.
var. Pantocsek. 3262.
— *hungarica*. Pantocsek. 3262.
— *japonica*. Pantocsek. 3262.
— *kochii*. Pantocsek. 3262.
— *microcephala*. Pantocsek.
3262.
— *minuta*. Pantocsek. 3262.
— *peragalloi*. Pantocsek. 3262.
— *sepulla*. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3262.

GOMPHONEMA.

- *balnearum*. Pantocsek. 3262.
— *dubravicense*. Pantocsek.
3262.
— *hungaricum*. Pantocsek.
3262.

GOMPHONEMA.

- *intricatum* var. *fossilis* n. var. Pantocsek. 3262.
 — *kinkerii*. Pantocsek. 3262.
 — *micropus* var. *remotestriata* n. var. Pantocsek. 3261.
 — *olivaceum* var. *fossilis* n. var. Pantocsek. 3262.
 — var. *salinarum* n. var. Pantocsek. 3262.
 — var. *staurophorum* n. var. Pantocsek. 3262.
 — *salsa*. Pantocsek. 3262.
 — *szabói*. Pantocsek. 3262.
 — *transylvanicum*. Pantocsek. 3262.

GONIOTHECIUM.

- ? *szakalense*. Pantocsek. 3262.

GRAMMATOPHORA.

- *biharensis*. Pantocsek. 3262.
 — *hungarica*. Pantocsek. 3262.
 — *lyrata* var. *japonica* n. var. Pantocsek. 3262.
 — *robusta* var. *gracilis* n. var. Pantocsek. 3262.
 — *valida*. Pantocsek. 3262.

GYRODISCUS.

- *hungaricus*. Pantocsek. 3262.

- Haynaldella** n. gen. Pantocsek. 3262.
 — *antiqua*. Pantocsek. 3262.

HEMIAULUS.

- *biharensis*. Pantocsek. 3262.
 — *grunowii*. Pantocsek. 3262.
 — *gurovii*. Pantocsek. 3262.
 — *hungaricus*. Pantocsek. 3262.
 — *malleolus*. Pantocsek. 3262.
 — *perlongus*. Pantocsek. 3262.
 — *petasiformis*. Pantocsek. 3262.
 — *rostratus*. Pantocsek. 3262.
 — ? *saratovianus*. Pantocsek. 3262.
 — *szabói*. Pantocsek. 3262.
 — *tschestnovii*. Pantocsek. 3262.
 — *weissflogii*. Pantocsek. 3262.

HIMANTIDIUM.

- *boryanum*. Pantocsek. 3262.

HYALODISCUS.

- *nobilis*. Pantocsek. 3262.
 — *russicus*. Pantocsek. 3262.

HYDROSEIRA.

- *boryana*. Pantocsek. 3262.
 — var. *hexagona* n. var. Pantocsek. 3262.

ISTHMLIA.

- *szabói*. Pantocsek. 3262.

- Kentrodiscus** n. gen. Pantocsek. 3262.
 — *fossilis*. Pantocsek. 3262.

- Keratophora** n. gen. Pantocsek. 3262.
 — *nitida*. Pantocsek. 3262.
 — *robusta*. Pantocsek. 3262.
 — *russica*. Pantocsek. 3262.

- Ktenodiscus** n. gen. Pantocsek. 3262.
 — *hungaricus*. Pantocsek. 3262.
 — *russicus*. Pantocsek. 3262.

LAMPROTIDISCUS.

- *fasciculatus*. Pantocsek. 3262.

MASTOGLOLA.

- *doljensis*. Pantocsek. 3262.
 — *kinkerii*. Pantocsek. 3262.
 — *lanceolata* var. *hungarica* n. var. Pantocsek. 3262.
 — *neogena*. Pantocsek. 3262.
 — *obtusa*. Pantocsek. 3262.
 — *petlioi*. Pantocsek. 3262.

- *rhomboidalis*. Pantocsek. 3262.
 — *ssontághii*. Pantocsek. 3262.

MASTOGONIA.

- *simbirskiana*. Pantocsek. 3262.

MELOSIRA.

- *agria*. Pantocsek. 3262.
 — *arcuata*. Pantocsek. 3262.
 — *arenaria* var. *hungarica* n. var. Pantocsek. 3262.
 — *biharensis*. Pantocsek. 3262.
 — *bituminosa*. Pantocsek. 3262.
 — *caputmedusae*. Pantocsek. 3262.
 — *cincta*. Pantocsek. 3262.
 — *crenulata* var. *debilis* n. var. Pantocsek. 3262.
 — var. *fossilis* n. var. Pantocsek. 3262.
 — var. *hungarica* n. var. Pantocsek. 3262.
 — var. *mocsarensis* n. var. Pantocsek. 3262.
 — *cristata*. Pantocsek. 3262.
 — *dickiei* var. *fossilis* n. var. Pantocsek. 3262.
 — *excentrica*. Pantocsek. 3262.
 — *fungiformis*. Pantocsek. 3262.
 — *granulata* var. *attenuata* n. var. Pantocsek. 3262.
 — var. *borealis* n. var. Pantocsek. 3262.
 — var. *boryana* n. var. Pantocsek. 3262.

■ MELOSIRA.

- *granulata* var. *hungarica*
n. var. Pantocsek. 3262.
— *haradaae*. Pantocsek. 3262.
— *hokkaidoana*. Pantocsek.
3262.
— *irregularis*. Pantocsek. 3262.
— *japonica*. Pantocsek. 3262.
— *kochii*. Pantocsek. 3262.
— *lőczyi*. Pantocsek. 3262.
— *menilitica*. Pantocsek. 3262.
— *peragalloi*. Pantocsek. 3262.
— *pethői*. Pantocsek. 3262.
— *saratoriana*. Pantocsek.
3262.
— *sarmatica*. Pantocsek. 3262.
— *temperei*. Pantocsek. 3262.
— *thumii*. Pantocsek. 3262.
— *transsylvanica*. Pantocsek.
3263.
— *undulata* var. *minor* n. var.
Pantocsek. 3262.
— var. *pygmaea* n. var. Pan-
tocsek. 3261.

NAVICULA.

- *abaujensis*. Pantocsek.
3262.
— *addae*. Pantocsek. 3262.
— *andesitica*. Pantocsek. 3263.
— *aradina*. Pantocsek. 3262.
— *arata* var. *producta* n. var.
Pantocsek. 3261.
— var. *validior* n. var. Pan-
tocsek. 3261.
— *arcuata*. Pantocsek. 3262.
— *arenariaeformis*. Pantocsek.
3262.
— *aspera* var. *hungarica* n. var.
Pantocsek. 3262.
— *bacillifera*. Pantocsek. 3262.
— *baumlerii*. Pantocsek. 3262.
— *beckii*. Pantocsek. 3262.
— *bimaculata*. Pantocsek.
3262.
— *bituminosa*. Pantocsek.
3262.
— var. *latecapitata* n. var.
Pantocsek. 3262.
— var. *robusta* n. var. Pan-
tocsek. 3262.
— var. *signata* n. var. Pan-
tocsek. 3262.
— var. *staurophora* n. var.
Pantocsek. 3262.
— *bodosensis*. Pantocsek. 3262.
— *borealis* var. *fossilis* n. var.
Pantocsek. 3262.
— *boryana*. Pantocsek. 3262.
— *brasiliensis* var. *fossilis* n.
var. Pantocsek. 3262.

NAVICULA.

- *brébisonii* var. *fossilis* n. var.
Pantocsek. 3262.
— *brunii*. Pantocsek. 3262.
— *budayana*. Pantocsek. 3262.
— *carpathorum*. Pantocsek.
3262.
— *chyzerii*. Pantocsek. 3262.
— *cineta*. Pantocsek. 3262.
— *confederata*. Pantocsek.
3262.
— *császkaae*. Pantocsek. 3261.
— *curtestriata*. Pantocsek.
3262.
— *czekeházensis*. Pantocsek.
3262.
— *debilis*. Pantocsek. 3262.
— *debyi*. Pantocsek. 3262.
— *decumana*. Pantocsek. 3262.
— *discernenda*. Pantocsek.
3262.
— *diversa*. Pantocsek. 3262.
— *dőczyi*. Pantocsek. 3262.
— *doljensis*. Pantocsek. 3262.
— *duplex*. Pantocsek. 3262.
— *egeria*. Pantocsek. 3262.
— *élesdiana*. Pantocsek. 3262.
— *elliptica* var. *fossilis* n. var.
Pantocsek. 3262.
— *elongatula*. Pantocsek. 3262.
— *entsii*. Pantocsek. 3262.
— *falax*. Pantocsek. 3261.
— *filarszkyi*. Pantocsek. 3261.
— *filiformis*. Pantocsek. 3262.
— *flattii*. Pantocsek. 3262.
— *formosa* var. *fossilis* n. var.
Pantocsek. 3262.
— *fuchsii*. Pantocsek. 3262.
— *gálikii*. Pantocsek. 3262.
— *gastrum* var. *boryana* n. var.
Pantocsek. 3262.
— *gorjanovicii*. Pantocsek.
3262.
— var. *minor* n. var. Pan-
tocsek. 3262.
— *grata*. Pantocsek. 3262.
— *gurovii*. Pantocsek. 3262.
— *gutriniskii*. Pantocsek. 3262.
— *halionata*. Pantocsek. 3262.
— var. *directa* n. var. Pan-
tocsek. 3262.
— var. *minor* n. var. Pan-
tocsek. 3262.
— *hantkenii*. Pantocsek. 3262.
— *haradaae*. Pantocsek. 3262.
— *hata*. Pantocsek. 3262.
— *haueri* var. *angustior* n. var.
Pantocsek. 3261.
— *haynaldii*. Pantocsek. 3262.

NAVICULA.

- hasslinsi* *kyi*. Pantocsek. 3262.
heerii. Pantocsek. 3262.
hennedyi var. *fossilis* n. var. Pantocsek. 3262.
heteroflexa. Pantocsek. 3262.
 var. *constricta* n. var. Pantocsek. 3262.
 var. *minor* n. var. Pantocsek. 3262.
heresensis. Pantocsek. 3262.
hilarula. Pantocsek. 3262.
hoffmannii. Pantocsek. 3262.
holubyi. Pantocsek. 3262.
hordeiformis. Pantocsek. 3262.
hornii. Pantocsek. 3262.
hyrtlii. Pantocsek. 3262.
ignobilis. Pantocsek. 3262.
illustra. Pantocsek. 3261.
includens. Pantocsek. 3262.
inculta. Pantocsek. 3262.
inflexa var. *biharensis* n. var. Pantocsek. 3262.
inhalata var. *biharensis* n. var. Pantocsek. 3262.
incendens. Pantocsek. 3262.
insignis. Pantocsek. 3262.
interrupta var. *fossilis* n. var. Pantocsek. 3262.
irregularis. Pantocsek. 3262.
irrovata var. *fossilis* n. var. Pantocsek. 3262.
jimboi. Pantocsek. 3262.
kanitzii. Pantocsek. 3262.
kelleri. Pantocsek. 3262.
kinkeriana. Pantocsek. 3262.
kinkerii. Pantocsek. 3262.
kochii. Pantocsek. 3262.
kossuthii. Pantocsek. 3262.
lacrimans var. *fossilis* n. var. Pantocsek. 3262.
laevis. Pantocsek. 3262.
latevittata. Pantocsek. 3262.
latissima var. *capitata* n. var. Pantocsek. 3262.
 var. *elongata* n. var. Pantocsek. 3262.
 var. *minor* n. var. Pantocsek. 3262.
legumen var. *staurophora* n. var. Pantocsek. 3261.
leonis. Pantocsek. 3262.
le tourneurii. Pantocsek. 3262.
lőczyi. Pantocsek. 3262.
lucifica. Pantocsek. 3262.

NAVICULA.

- lunyacekii*. 3262.
lyra var. *acuta* Pantocsek. 3262.
 var. *hungar* Pantocsek. 3262.
 var. *produs* Pantocsek. 3262.
macroseana. 3262.
major var. *ande* Pantocsek. 3262.
manichora. 3262.
margaritata. 3262.
mártonfii. Pantocsek. 3262.
masdogloidea. 3262.
menilitica. Pantocsek. 3262.
mesolepta var. n. var. Pantocsek. 3262.
mikado. Pantocsek. 3262.
mikrotatos. Pantocsek. 3262.
mocsarensis. 3262.
neogena. Pantocsek. 3262.
neumayeriana. 3262.
neupauerii. Pantocsek. 3262.
nigricans. Pantocsek. 3262.
nilescens var. *fossilis* n. var. Pantocsek. 3262.
nobilis var. *fossilis* n. var. Pantocsek. 3262.
notanda. Pantocsek. 3262.
nuda. Pantocsek. 3262.
orphei. Pantocsek. 3262.
ostracodarium. 3262.
o'swaldii var. *hungar* var. Pantocsek. 3262.
ovalis var. *fossilis* n. var. Pantocsek. 3262.
paludinarum. 3262.
 var. *gracilior* Pantocsek. 3262.
parallelestriata. 3262.
parca var. *produs* Pantocsek. 3262.
paripinnata. 3262.
pavida. Pantocsek. 3262.
perducta. Pantocsek. 3262.
perennis. Pantocsek. 3262.
perfecta. Pantocsek. 3262.
perlonga. Pantocsek. 3262.

NAVICULA.

- perculpta*. Pantocsek. 3262.
pervasta. Pantocsek. 3262.
phalangium. Pantocsek. 3262.
pinnata. Pantocsek. 3262.
polygibba. Pantocsek. 3262.
praeclara. Pantocsek. 3262.
praeftua. Pantocsek. 3262.
pressa. Pantocsek. 3262.
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ratrayi. Pantocsek. 3262.
reusii. Pantocsek. 3262.
robusta. Pantocsek. 3262.
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seriosa. Pantocsek. 3262.
sieboldii. Pantocsek. 3262.
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smithii var. *minor* n. var. Pantocsek. 3262.
subfusca. Pantocsek. 3262.
szaboi. Pantocsek. 3262.
szontághii. Pantocsek. 3262.
tenella var. *fossilis* n. var. Pantocsek. 3262.
thumii. Pantocsek. 3262.
toulaeae. Pantocsek. 3262.
transsylvanica. Pantocsek. 3262.
 var. *producta* n. var. Pantocsek. 3262.
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turgidula. Pantocsek. 3262.
vazaryi. Pantocsek. 3262.
venus. Pantocsek. 3262.
venusta. Pantocsek. 3262.

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- viridis* var. *fossilis* n. var. Pantocsek. 3262.
 var. *staurofora* n. var. Pantocsek. 3262.
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wiesnerii. Pantocsek. 3262.
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 var. *gracilior* n. var. Pantocsek. 3262.
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- andesitica*. Pantocsek. 3262.
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bituminosa. Pantocsek. 3262.
costata. Pantocsek. 3262.
doljensis. Pantocsek. 3262.
frustulum var. *acuta* n. var. Pantocsek. 3262.
 var. *constricta* n. var. Pantocsek. 3262.
 var. *curtata* n. var. Pantocsek. 3262.
 var. *hungarica* n. var. Pantocsek. 3262.
 var. *minwa* n. var. Pantocsek. 3262.
 var. *obtusata* n. var. Pantocsek. 3262.
 var. *producta* n. var. Pantocsek. 3262.
hevsensis. Pantocsek. 3262.
loczyi. Pantocsek. 3262.
pulcherrima var. *interrupta* n. var. Pantocsek. 3262.
szaboi. Pantocsek. 3262.
transsylvanica. Pantocsek. 3262.

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pygmaea. Pantocsek. 3262.

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- birostrata*. Pantocsek. 3262.
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- notata*. Pantocsek. 3262.
pethői. Pantocsek. 3262.

Pantocsekia n. gen. Grun. 3262.

- clivosa*. Pantocsek. 3262.

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- *intricatum* var. *fossilis* n.
var. Pantocsek. 3262.
— *kinkerii*. Pantocsek. 3262.
— *micropus* var. *remotestriata*
n. var. Pantocsek. 3261.
— *olivaceum* var. *fossilis* n. var.
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- ? *szakalense*. Pantocsek. 3262.

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- *biharensis*. Pantocsek. 3262.
— *hungarica*. Pantocsek. 3262.
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Pantocsek. 3262.
— *robusta* var. *gracilis* n. var.
Pantocsek. 3262.
— *valida*. Pantocsek. 3262.

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- *hungaricus*. Pantocsek. 3262.

- Haynaldella** n. gen. Pantocsek. 3262.
— *antiqua*. Pantocsek. 3262.

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- *biharensis*. Pantocsek. 3262.
— *grunovicii*. Pantocsek. 3262.
— *gurovicii*. Pantocsek. 3262.
— *hungaricus*. Pantocsek. 3262.
— *malleolus*. Pantocsek. 3262.
— *perlongus*. Pantocsek. 3262.
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— *rostratus*. Pantocsek. 3262.
— ? *saratovianus*. Pantocsek.
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— *szabói*. Pantocsek. 3262.
— *tachestnovii*. Pantocsek.
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— *weissflogii*. Pantocsek. 3262.

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- *boryanum*. Pantocsek. 3262.

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- *nobilis*. Pantocsek. 3262.
— *russicus*. Pantocsek. 3262.

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- *boryana*. Pantocsek. 3262.
— var. *hexagona* n. var. Pan-
tocsek. 3262.

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- *szabói*. Pantocsek. 3262.

- Kentrodiscus** n. gen. Pantocsek. 3262.
— *fossilis*. Pantocsek. 3262.

Kerztophora n. gen. Pantocsek. 3262.

- *nitida*. Pantocsek. 3262.
— *robusta*. Pantocsek. 3262.
— *russica*. Pantocsek. 3262.

Ktenodiscus n. gen. Pantocsek. 3262.

- *hungaricus*. Pantocsek. 3262.
— *russicus*. Pantocsek. 3262.

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- *fasciculatus*. Pantocsek.
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- *doljensis*. Pantocsek. 3262.
— *kinkerii*. Pantocsek. 3262.
— *lanceolata* var. *hungarica* n.
var. Pantocsek. 3262.
— *neogena*. Pantocsek. 3262.
— *obtusa*. Pantocsek. 3262.
— *pathoi*. Pantocsek. 3262.
— *rhomboidalis*. Pantocsek.
3262.
— *szontaghii*. Pantocsek.
3262.

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- *simbirakiana*. Pantocsek.
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- *agria*. Pantocsek. 3262.
— *arcuata*. Pantocsek. 3262.
— *arenaria* var. *hungarica* n.
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— *biharensis*. Pantocsek. 3262.
— *bituminosa*. Pantocsek.
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— *caputmedusae*. Pantocsek.
3262.
— *cincta*. Pantocsek. 3262.
— *crenulata* var. *debilis* n. var.
Pantocsek. 3262.
— var. *fossilis* n. var. Pan-
tocsek. 3262.
— var. *hungarica* n. var.
Pantocsek. 3262.
— var. *mocsarensis* n. var.
Pantocsek. 3262.
— *cristata*. Pantocsek. 3262.
— *dickiei* var. *fossilis* n. var.
Pantocsek. 3262.
— *excentrica*. Pantocsek. 3262.
— *fungiformis*. Pantocsek.
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var. Pantocsek. 3262.
— var. *borealis* n. var. Pan-
tocsek. 3262.
— var. *boryana* n. var. Pan-
tocsek. 3262.

MELOSIRA.

- granulata* var. *hungarica*
 n. var. Pantocsek. 3262.
haradaae. Pantocsek. 3262.
hokkaidoana. Pantocsek.
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irregularis. Pantocsek. 3262.
japonica. Pantocsek. 3262.
kochii. Pantocsek. 3262.
lőczyi. Pantocsek. 3262.
menilitica. Pantocsek. 3262.
peragalloi. Pantocsek. 3262.
pethői. Pantocsek. 3262.
saratoriana. Pantocsek.
 3262.
sarmatica. Pantocsek. 3262.
temperei. Pantocsek. 3262.
thumii. Pantocsek. 3262.
transsylvanica. Pantocsek.
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- abaujensis*. Pantocsek.
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addae. Pantocsek. 3262.
andesitica. Pantocsek. 3263.
aradina. Pantocsek. 3262.
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 3262.
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baumlerii. Pantocsek. 3262.
beckii. Pantocsek. 3262.
bimaculata. Pantocsek.
 3262.
bituminosa. Pantocsek.
 3262.
 var. *latecapitata* n. var.
 Pantocsek. 3262.
 var. *robusta* n. var. Pan-
 tocsek. 3262.
 var. *signata* n. var. Pan-
 tocsek. 3262.
 var. *staurophora* n. var.
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bodensis. Pantocsek. 3262.
borealis var. *fossilis* n. var.
 Pantocsek. 3262.
boryana. Pantocsek. 3262.
brasiliensis var. *fossilis* n.
 var. Pantocsek. 3262.

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- brébisonii* var. *fossilis* n. var.
 Pantocsek. 3262.
brunii. Pantocsek. 3262.
budayana. Pantocsek. 3262.
carpathorum. Pantocsek.
 3262.
chyzerii. Pantocsek. 3262.
cineta. Pantocsek. 3262.
confederata. Pantocsek.
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császkaae. Pantocsek. 3261.
curtestriata. Pantocsek.
 3262.
czekeházensis. Pantocsek.
 3262.
debilis. Pantocsek. 3262.
debyi. Pantocsek. 3262.
decumana. Pantocsek. 3262.
discernenda. Pantocsek.
 3262.
diversa. Pantocsek. 3262.
dőczyi. Pantocsek. 3262.
doljensis. Pantocsek. 3262.
duplex. Pantocsek. 3262.
egeria. Pantocsek. 3262.
élesdiana. Pantocsek. 3262.
elliptica var. *fossilis* n. var.
 Pantocsek. 3262.
elongatula. Pantocsek. 3262.
entsii. Pantocsek. 3262.
falax. Pantocsek. 3261.
filarszkyi. Pantocsek. 3261.
filiformis. Pantocsek. 3262.
flattii. Pantocsek. 3262.
formosa var. *fossilis* n. var.
 Pantocsek. 3262.
fuchsii. Pantocsek. 3262.
gálikii. Pantocsek. 3262.
gastrum var. *boryana* n. var.
 Pantocsek. 3262.
gorjanoricii. Pantocsek.
 3262.
 var. *minor* n. var. Pan-
 tocsek. 3262.
grata. Pantocsek. 3262.
gurovii. Pantocsek. 3262.
gutrenskii. Pantocsek. 3262.
halionata. Pantocsek. 3262.
 var. *directa* n. var. Pan-
 tocsek. 3262.
 var. *minor* n. var. Pan-
 tocsek. 3262.
hankenii. Pantocsek. 3262.
haradaae. Pantocsek. 3262.
harta. Pantocsek. 3262.
haueri var. *angustior* n. var.
 Pantocsek. 3261.
haynaldii. Pantocsek. 3262.

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- abyssorum* var. *saratoriana*
 n. var. Pantocsek. 3262.
ananinense. Pantocsek. 3262.
antipodum. Pantocsek. 3262.
antiquum. Pantocsek. 3262.
armaševskii. Pantocsek.
 3262.
biharense. Pantocsek. 3262.
boryanum. Pantocsek. 3262.
brandtii. Pantocsek. 3262.
brunii. Pantocsek. 3262.
caducum. Pantocsek. 3262.
castracanei. Pantocsek.
 3262.
coerulescens. Pantocsek.
 3262.
conciliatum. Pantocsek.
 3262.
 ——— var. *validior* n. var. Pan-
 tocsek. 3262.
cristatum. Pantocsek. 3262.
cuscutatum. Pantocsek. 3262.
 ——— var. *latior* n. var. Pan-
 tocsek. 3262.
 ——— var. *disseminato puncta-*
tum. Pantocsek. 3262.
debesii. Pantocsek. 3262.
deductum. Pantocsek. 3262.
 ? *deformatum*. Pantocsek.
 3262.
delectabile. Pantocsek. 3262.
detonii. Pantocsek. 3262.
distingendum. Pantocsek.
 3262.
dutertrei. Pantocsek et Temp.
 3262.
elatum. Pantocsek. 3262.
elevatum. Pantocsek. 3262.
enullicherii. Pantocsek. 3262.
exornatum var. *ananinensis*
 n. var. Pantocsek. 3262.
 ——— var. *simbirsikiana* n. var.
 Pantocsek. 3262.
fasciatum. Pantocsek. 3262.
fragile. Pantocsek. 3262.
grovei. Pantocsek. 3262.
guronii. Pantocsek. 3262.
hilaratum. Pantocsek. 3262.
horridum. Pantocsek. 3262.
 ——— *tetragona*. n. form. Pan-
 tocsek. 3262.
idoneum. Pantocsek. 3262.
illustrum. Pantocsek. 3262.
jimboi. Pantocsek. 3262.
jucundum. Pantocsek. 3262.
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 Pantocsek. 3262.
kidatonii. Pantocsek. 3262.

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- kusnetakianum*. Pantocsek.
 3262.
laetum. Pantocsek. 3262.
lahusenii. Pantocsek. 3262.
lanosolatum. Pantocsek.
 3262.
lőcsyi. Pantocsek. 3262.
 ——— var. *confusum* n. var.
 Pantocsek. 3262.
lucidum. Pantocsek. 3262.
mereshtovskii. Pantocsek.
 3262.
mülleri. Pantocsek. 3262.
notatum. Pantocsek. 3262.
nudum. Pantocsek. 3262.
peragalloii. Pantocsek. 3262.
pethői. Pantocsek. 3262.
petitii. Pantocsek. 3262.
pileus var. *robustior* n. var.
 Pantocsek. 3262.
 ——— ? *polygibbum*. Pantocsek.
 3262.
praeferox. Pantocsek. 3262.
proprium. Pantocsek. 3262.
protractum. Pantocsek.
 3262.
pseudoarcticum. Pantocsek.
 3262.
rattrayi. Pantocsek. 3262.
renunciatum. Pantocsek.
 3262.
rzechakii. Pantocsek. 3262.
saratorianum. Pantocsek.
 3262.
sturtii. Pantocsek. 3262.
sarmaticum. Pantocsek.
 3262.
semseyi. Pantocsek. 3262.
septum. Pantocsek. 3262.
smithii. Pantocsek. 3262.
sokolowii. Pantocsek. 3262.
speciosum. Pantocsek. 3262.
squamatum. Pantocsek.
 3262.
staubii. Pantocsek. 3262.
stigmaticum. Pantocsek.
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suborbiculare. Pantocsek.
 3262.
szakalense. Pantocsek.
 3262.
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tertiarium. Pantocsek. 3262.
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triasicum. Pantocsek. 3262.
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undatum. Pantocsek. 3262.

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- _____ *undosum*. Pantocsek. 3262.
 _____ *vastum*. Pantocsek. 3262.
 _____ *vates*. Pantocsek. 3262.
 _____ *vittatum*. Pantocsek. 3262.
 _____ *weisseianum*. Pantocsek.
 3262.

TEINACRIA.

- _____ *antiqua*. Pantocsek. 3262.
 _____ *excavata* var. *producta* n. var.
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 _____ *muellerii*. Pantocsek. 3262.
 _____ *pachtii*. Pantocsek. 3262.
 _____ *praezellens*. Pantocsek.
 3262.
 _____ *russica*. Pantocsek. 3262.
 _____ *semseyi*. Pantocsek. 3262.
 _____ *simulacroides*. Pantocsek.
 3262.
 _____ *sparsa*. Pantocsek. 3262.
 _____ *tschestnowii*. Pantocsek.
 3262.
 _____ *vetustissima*. Pantocsek.
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Truania n. gen. Pantocsek. 3262.

- _____ *archangelskiana*. Pantocsek.
 3262.

Tschestnowia n. gen. Pantocsek. 3262.

- _____ *mirabilis*. Pantocsek. 3262.
 ———— var. *partita* n. var. Pan-
 tocsek. 3262.
 ———— var. *polygona* n. var. Pan-
 tocsek. 3262.

Van heurckella n. gen. Pantocsek.
3262.

- _____ *admirabilis*. Pantocsek.
 3262.

Wittia n. gen. Pantocsek. 3262.

- _____ *insignis*. Pantocsek. 3262.

XANTHIOPYXIS.

- _____ *panduraeformis*. Pantocsek.
 3262.

ZYGOCEROS.

- _____ *antiquus*. Pantocsek. 3262.
 ———— var. *interrupta* n. var.
 Pantocsek. 3262.
 _____ *hungaricus*. Pantocsek.
 3262.
 ———— ? *weissflogii*. Pantocsek.
 3262.

SPHAEROCOCCITES [Sphaerococcaceae].

- _____ *dyadicus*. Sterzel. 3406.

7700 FUNGI.**SPHAERIA** [Sphaeriaceae].

- _____ *radialis*. Engelhardt. 2960.

7900 PLANTS OF UNASCERTAINED POSITION.**ANARTHROCANNA.**

- _____ *göpperti*. Nathorst. 3213.

CARPOLITHUS.

- _____ *matteuanensis*. Berry. 2826.
 ———— *ostryaeformis* n. nom.
 Berry. 2826.

Codonophyton n. gen. Nathorst. 3213.

- _____ *epiphyticum*. Nathorst. 3213.

Glossocarpellites n. gen. Perkins. 3274.**PHYLLITES.**

- _____ *cliffwoodensis*. Berry. 2826.



ALPHABETICAL LIST OF NAMES OF NEW GENERA,
SPECIES AND VARIETIES.

(The names of new Genera are in italics.)

<i>aaenianum</i>	<i>Pachylytoceras</i> ; Buckman. 2870.	<i>acinaciformis</i>	<i>Homacanthus</i> ; Eastman. 2952.
<i>abaris</i>	<i>Agraulos</i> ; Walcott. 3452.	<i>acis</i>	<i>Menocephalus</i> ; Walcott. 3452.
<i>abaujensis</i>	<i>Navicula</i> ; Pantocsek. 3262.	<i>aclis</i>	<i>Ptychoparia</i> ; Walcott. 3452.
<i>abbreviatus</i>	<i>Pentaceros</i> ; Spencer. 3407.	<i>actinocycloides</i>	<i>Coscinodiscus</i> ; Pantocsek. 3262.
<i>abderus</i>	<i>Solenopleura</i> ; Walcott. 3452.	<i>Actinodictyon</i>	n. gen. Pantocsek. 3262.
<i>abeli</i>	<i>Amauropis</i> ; Blaschke. 2882.	<i>aculeata</i>	<i>Stephanogonia</i> ; Pantocsek. 3262.
————	<i>Belemnites</i> ; Vetters. 3450.	<i>acuminatus</i>	<i>Tricarpellites</i> ; Perkins. 3273.
<i>abnormalis</i>	<i>Pseudocrinites</i> ; Schuchert. 3360.	<i>acuta</i>	<i>Cypris</i> ; Lienenklaus. 3146.
<i>abnormis</i>	<i>Syntrophia</i> ; Walcott. 3451.	————	n. var. <i>Navicula lyra</i> . Pantocsek. 3262.
<i>abrota</i>	<i>Agraulos</i> ; Walcott. 3452.	————	n. var. <i>Nitzschia frustulum</i> ; Pantocsek. 3262.
<i>abeegmen</i>	<i>Lunulicardium</i> ; Clarke. 2895.	<i>acutidens</i>	<i>Hausmanni</i> ; Möller. 3205.
<i>acadica</i>	<i>Obolus</i> ; Walcott. 3451.	————	<i>Sphenopteris</i> ; Möller. 3205.
<i>acalle</i>	<i>Agraulos</i> ; Walcott. 3452.	<i>acutirostris</i>	<i>Lina</i> ; Krumbeck. 3128.
<i>acamus</i>	<i>Ptychaspis</i> ; Walcott. 3452.	<i>acutum</i>	<i>Orthoceras</i> ; Hind. 3047.
<i>acantha</i>	<i>Solenopleura</i> ; Walcott. 3452.	<i>acutus</i>	<i>Aristolochites</i> ; Perkins. 3273.
<i>Acanthodiscus</i>	n. gen. Pantocsek. 3262.	<i>addae</i>	<i>Navicula</i> ; Pantocsek. 3262.
<i>Acanthopecten</i>	n. subgen. Girty. 3001.	<i>admata</i>	<i>Menocephalus</i> ; Walcott. 3452.
<i>accincta</i>	<i>Ontaria</i> ; Clarke. 2895.	<i>admirabilis</i>	<i>Conchochelys</i> ; Hay. 3039.
<i>accola</i>	<i>Lunulicardium</i> ; Clarke. 2895.	————	<i>Van Heurckella</i> ; Pantocsek. 3262.
<i>accrescens</i>	<i>Harpoceras</i> ; Wunstorf. 3517.	<i>adnascens</i>	<i>Heliophyllum</i> ; Greene. 3017.
<i>acerius</i>	<i>Menocephalus</i> ; Walcott. 3452.	<i>adrastia</i>	<i>Menocephalus</i> ; Walcott. 3452.
<i>acidalia</i>	<i>Solenopleura</i> ; Walcott. 3452.		

- aegyptiaca* Cyprina; Oppenheim. 3243.
 ————— Vulsella; Oppenheim. 3243.
aegyptiacus Pectunculus; Oppenheim. 3243.
affiliata Ontario; Clarke. 2895.
affinis Cephalotheca; Nathorst. 3213.
 ————— Simulia; Meunier. 3192.
africanus Ceratodus; Haug. 3035.
 ————— Coelacanthus; Broom. 2864.
 ————— Erythrosuchus; Broom. 2863.
agassizii Pygaeus; Eastman. 2953.
agave Menocephalus; Walcott. 3452.
agellus Ptychocladia; Ulrich & Bassler. 3439.
agenor Agraules; Walcott. 3452.
agglomerata Rhynchonella; Weller. 3470.
agglutinans Cypris; Lienenklaus. 3146.
aggregatum n. var. Allonema moniliforme; Ulrich & Bassler. 3439.
agno Solenopleura; Walcott. 3452.
agonius Arionellus; Walcott. 3452.
agria Melosira; Pantocsek. 3262.
ajax Arionellus; Walcott. 3452.
akkabensis Ostrea; Krumbeck. 3128.
alala Arionellus; Walcott. 3452.
alandensis Obolus; Walcott. 3451.
alastor Dorypygella; Walcott. 3452.
alata Syntrophia; Walcott. 3451.
alatus Mytilus; Krumbeck. 3128.
Albertosaurus n. gen. Osborn. 3249.
albion Anomocarella; Walcott. 3452.
alceste Dolichometopus; Walcott. 3452.
alcinoe Anomocare; Walcott. 3452.
alcon Dorypygella; Walcott. 3452.
aliena Rhynchonella; Rau. 3291.
alleni Calceocrinus; Rowley. 3329.
Allonema n. gen. Ulrich & Bassler. 3439.
alta Beyrichona; Wiman. 3494.
altissima Patella; Blaschka. 2832.
altoides Leparditia; Weller. 3470.
ambiguus Schizograptus; Turquist. 3429.
americanus n. comb. Sapindoides; Perkins. 3273.
amii Nisusia; Walcott. 3451.
Ammonella n. gen. Walther. 3455.
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- ontario** Paraptyx; Clarke. 2895.
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- perissa* Pterochaenia; Clarke. 2895.
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- staurophora** Amphora; Pantocsek. 3262.
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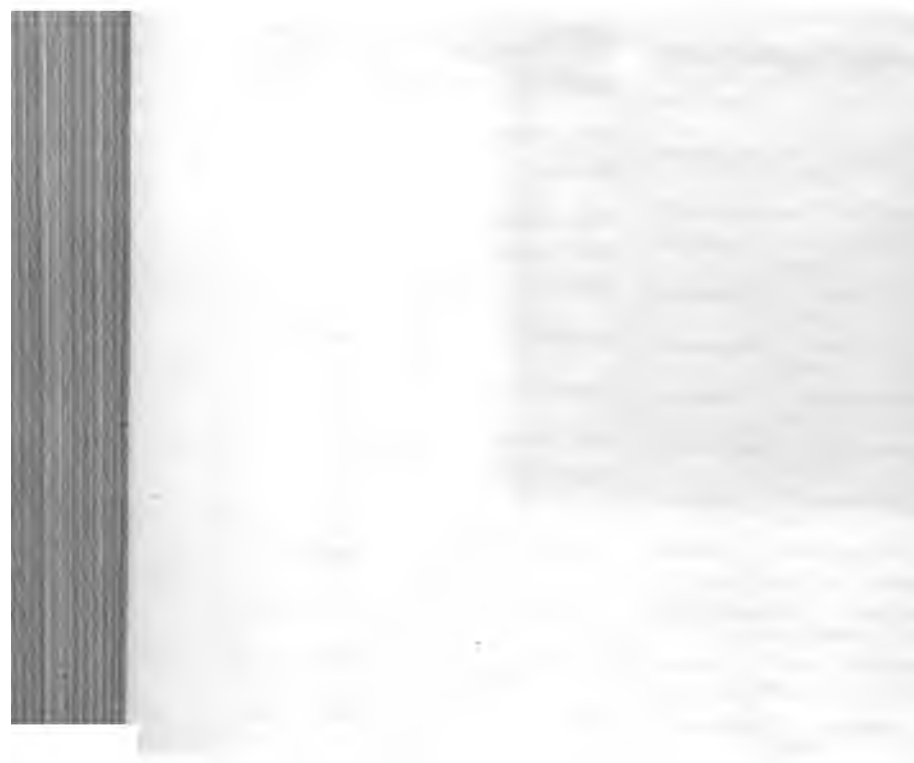
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LIST OF JOURNALS WITH ABBREVIATED TITLES.

<i>Abh. geol. Spezialkarte Els.-Lothr., Strassburg</i>	Abhandlungen zur geologischen Spezialkarte von Elsass-Lothringen. Strassburg. [2-3 H. jährl.]	1 Ger.
<i>Albany, N.Y., St. Educ. Dept., Mus. Bull.</i>	New York State Education Department. New York State Museum Bulletin. Albany, N.Y.	4 U.S.
<i>Allatt. Közlem., Budapest ...</i>	Allattani Közlemények, Budapest. [Zoologische Mittheilungen, Budapest.]	32 Hun.
<i>Amer. Geol., Minneapolis, Minn.</i>	American Geologist, Minneapolis, Minnesota.	13 U.S.
<i>Amer. Mus. J., New York, N.Y.</i>	The American Museum Journal. American Museum of Natural History. New York, N.Y.	554 U.S.
<i>Amer. Nat., Boston, Mass.</i>	The American Naturalist, Boston, Mass.	21 U.S.
<i>Ann. Bot., Oxford ...</i>	Annals of Botany, Oxford	4 U.K.
<i>Ann. Hist.-Nat. Mus. Nat. Hung., Budapest.</i>	Annales Historico-Naturales Musei Nationalis Hungarici, Budapest.	34 Hun.
<i>Ann. Mag. Nat. Hist., London</i>	Annals and Magazine of Natural History, London.	7 U.K.
<i>Anthr., Paris ...</i>	Anthropologie. (Réunion des Matériaux pour l'histoire de l'homme, de la Revue d'anthropologie, et de la Revue d'ethnographie.) Dir. Boule et Verneau. Paris. [bimestr.]	103 Fr.
<i>Arch. Anthr., Braunschweig</i>	Archiv für Anthropologie, hrsg. v. Ranke. Braunschweig. [$\frac{1}{4}$ jährl.]	53 Ger.
<i>Arch. Natw. LdDurchf. Böhmen, Prag</i>	Archiv der Naturwissenschaftlichen Landesdurchforschung von Böhmen. Prag. [zwanglos.]	26 Aus.
<i>Ark. Zool., Stockholm ...</i>	Arkiv för zoologi utgifvet af K. Svenska Vetenskapsakademien i Stockholm.	— Swe.
<i>Augsburg, Ber. natw. Ver.</i>	Bericht des naturwissenschaftlichen Vereins für Schwaben und Neuburg, früher naturhistorischen Vereins in Augsburg. Augsburg. [mehrjähr.]	96 Ger.
<i>Austin, Cont. Zool. Lab. Univ. Tex.</i>	Contributions from the Zoological Laboratory of the University of Texas, Austin.	30 U.S.

Autun, Bul. soc. hist. nat. ...	Bulletin de la société d'histoire naturelle. Autun (Saône-et-Loire).	149 Fr.
Auxerre, Bul. soc. sci. hist. nat.	Bulletin de la société des sciences historiques et naturelles de l'Yonne. Auxerre (Yonne).	152 Fr.
Baltimore, Md., Johns Hopkins Univ. Cir.	John Hopkins University Circulars, Baltimore, Md.	36 U.S.
Bamberg, Ber. natf. Ges. ...	Bericht der naturforschenden Gesellschaft in Bamberg. Bamberg. [3 jährl.]	111 Ger.
Belfast, Rep. Nat. F. Cl. ...	Report and Proceedings of the Belfast Naturalists' Field Club, Belfast.	24 U.K.
Berkeley, Univ. Cal., Bull. Dept. Geol.	University of California. Bulletin of the Department of Geology, Berkeley.	40 U.S.
Berlin, Abh. geol. Landesanst	Abhandlungen der kgl. preussischen geologischen Landesanstalt. Berlin. [2-3 H. jährl.]	154 Ger.
Berlin, Jahrb. geol. Landesanst	Jahrbuch der kgl. preussischen geologischen Landesanstalt und Bergakademie. Berlin. [jährl.]	171 Ger.
Berlin, Sitzber. Ges. natf. Freunde	Sitzungsberichte der Gesellschaft naturforschender Freunde zu Berlin. Berlin. [jährl. in zwangl. H.]	183 Ger.
Berlin, Zs. D. geol. Ges. ...	Zeitschrift der deutschen geologischen Gesellschaft. Berlin. [$\frac{1}{4}$ jährl.]	199 Ger.
Boston, Mass., Mem. Soc. Nat. Hist.	Memoirs of the Boston Society of Natural History, Boston, Mass.	54 U.S.
Boston, Mass., Proc. Soc. Nat. Hist.	Proceedings of the Boston Society of Natural History, Boston, Mass.	61 U.S.
Bot. Gaz., Chicago, Ill., Univ. Chic.	Botanical Gazette. (University of Chicago), Chicago, Ill.	64 U.S.
Bot. Jahrb., Leipzig ...	Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie, hrsg. v. Engler. Leipzig. [10 H. jährl.]	242 Ger.
Bot. Not., Lund ...	Botaniska Notiser. Utgifne af C. F. O. Nordstedt. Lund. 8vo.	5 Swe.
Boulder, Univ. Colo. Stud.	The University of Colorado Studies. Boulder, Colo.	572 U.S.
Brandenburgia, Berlin ...	Brandenburgia. Monatsblatt der Gesellschaft für Heimathkunde der Provinz Brandenburg zu Berlin. Berlin. [monatl.]	246 Ger.
Braunschweig, Jahresber. Ver. Natw.	Jahresbericht des Vereins für Naturwissenschaft zu Braunschweig. Braunschweig. [2 jährl.]	250 Ger.
Breslau, Jahresber. Ges. vaterl. Cultur	Jahresbericht der schlesischen Gesellschaft für vaterländische Cultur. Breslau. [jährl.]	258 Ger.

<i>Brünn, Zs. Mähr. Ld-Mus.</i>	Zeitschrift des Mährischen Landes-museums. Herausgegeben von der Mährischen Museums-Gesellschaft. Red. v. A. Rzehak, C. Schirmeisen u. J. Matzura. Brünn. [$\frac{1}{2}$ jährl.]	63 Aus.
<i>Bul. Muséum, Paris</i> ...	Bulletin du Muséum d'Histoire Naturelle. Paris. [8 numéros par an.]	237 Fr.
<i>Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll.</i>	Bulletin of the Museum of Comparative Zoology at Harvard College, Cambridge, Mass.	71 U.S.
<i>Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll.</i>	Memoirs of the Museum of Comparative Zoology of Harvard College, Cambridge, Mass.	78 U.S.
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<i>Centralbl. Min., Stuttgart</i>	Centralblatt für Mineralogie, Geologie und Paläontologie, hrg. v. Bauer etc. Stuttgart. [$\frac{1}{2}$ monatl.]	285 Ger.
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<i>Char'kov, Trd. Obšč. ispyt. prir.</i>	Труды Общества испытателей природы при Императорскомъ Харьковскомъ Университетѣ. Харьковъ [Travaux de la Société des naturalistes de l'Université Impériale de Khar'kov].	22 Rus.
<i>Chemnitz. Ber. natur. Ges.</i>	Bericht der naturwissenschaftlichen Gesellschaft zu Chemnitz. Chemnitz. [mehrjähr.]	303 Ger.
<i>Chicago, Ill., Pub. Field Columb. Mus., Geol. Ser.</i>	Publications of the Field Columbian Museum. Geological Series. Chicago, Ill.	108 U.S.
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Des Moines, Proc. Acad. Sci.	<i>Iowa</i>	Proceedings of the Iowa Academy of Sciences, Des Moines.	137 U.S.
Dresden, Sitzber. Isis	...	Sitzungsberichte und Abhandlungen der naturwissenschaftlichen Gesellschaft Isis in Dresden. Dresden. [jähr.]	415 Ger.
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<i>Graz, Mitt. Natur. Ver. Steierm.</i>	Mitteilungen des Naturwissenschaftlichen Vereines für Steiermark. Red. v. C. Doelter. Graz. [jährh.]	119 Aus.
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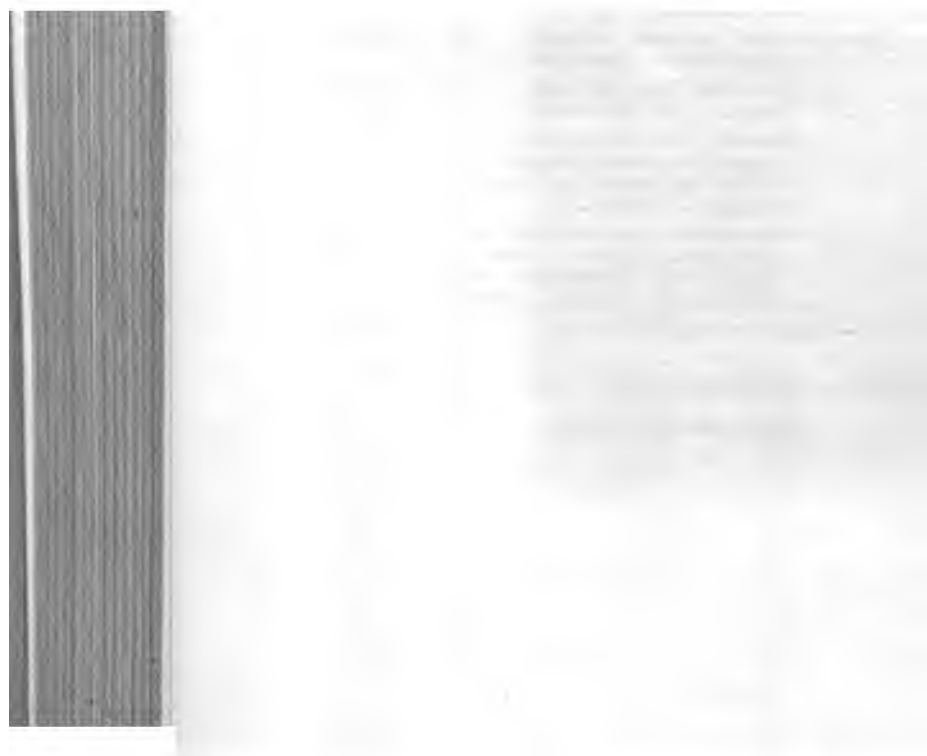
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<i>St. Peterburg, Bull. Ac. Sc.</i>	Извѣстія Императорской Академіи Наукъ. С.-Петербургъ [Bulletin de l'Académie Impériale des Sciences de St. Pétersbourg].	251 Rus.
<i>St. Peterburg, Mém. Ac. Sc.</i>	Записки Императорской Академіи Наукъ по физико-математическому отдѣленію. С.-Петербургъ [Mémoires de l'Académie Impériale des Sciences. Classe des sciences physiques et mathématiques. St.-Petersbourg].	266 Rus.
<i>St. Peterburg, Mém. Com. géolog.</i>	Труды Геологическаго Комитета. С.-Петербургъ [Mémoires du Comité géologique. St.-Petersbourg].	267 Rus.
<i>St. Peterburg, Trav. Soc. nat.</i>	Труды Императорскаго С.-Петербургскаго Общества естественныхъ испытателей. С.-Петербургъ [Travaux de la Société Impériale des naturalistes de St.-Petersbourg].	284 Rus.
<i>St. Peterburg, Verh. Russ. mineral. Ges.</i>	Записки Императорскаго С.-Петербургскаго минералогическаго общества. С.-Петербургъ [Verhandlungen der Russisch-Kaiserlichen Mineralogischen Gesellschaft. St.-Petersbourg].	290 Rus.
<i>Stuttgart, Jahreshefte Ver. Natk.</i>	Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg. Stuttgart. [jährh.]	1021 Ger.
<i>Sv. Mosskult. Tidskr., Jönköping</i>	Svenska Mosskultur-föreningens Tidskrift. Jönköping. 8vo.	47 Swe.
<i>Summ. Progr. Geol. Surv. U. K., London</i>	Summary of the Progress of the Geological Survey of the United Kingdom, London.	413 U.K.
<i>Syracuse, N.Y., Proc. Onondaga Acad. Sci.</i>	Proceedings of the Onondaga Academy of Science, Syracuse, N.Y.	— U.S.
<i>Tōkyō, J. Coll. Sci. ...</i>	The Journal of the College of Science, Imperial University of Tōkyō, Japan. <i>European languages.</i>	28 Jap.
<i>Torreya, New York, N.Y....</i>	Torreya. (Torrey Botanical Club), New York, N.Y.	332 U.S.
<i>Tübingen, Bl. Albrer. ...</i>	Blätter des schwäbischen Albvereins. Tübingen. [monatl.]	1060 Ger.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Upsala, Bull. Geol. Inst. ...</i>	Bulletin of the Geological Institution of the University of Upsala. Edited by Hj. Sjögren. Upsala. 8vo.	55 Swe.
<i>Verh. D. zool. Ges., Leipzig</i>	Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig. [jährh.]	1082 Ger.

<i>Verh. Ges. D. Natf., Leipzig</i>	Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte, Leipzig. [jähr.]	1083 Ger.
<i>Vermont, Rep. Geol., Burlington</i>	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burlington, Vt.	585 U.S.
<i>Vesmr., Prag</i>	Vesmr. Praha. [Das Weltall. Zeitschrift für die Verbreitung naturhistorischer, geo- und ethnographischer Kenntnisse. Prag, ½ monatl.]	392 Aus.
<i>Wanderer, Hirschberg</i>	Der Wanderer im Riesengebirge. Organ des Riesengebirgs-Vereins. Hirschberg. [monatl.]	1102 Ger.
<i>Washington, D.C., Carnegie Inst., Year Book</i>	Carnegie Institution of Washington. Year Book, Washington, D.C.	468 U.S.
<i>Washington, D.C. Dept. Int. U. S. Geol. Surv., Prof. Papers.</i>	Professional Papers. Department of the Interior. U. S. Geological Survey. Washington, D.C.	— U.S.
<i>Washington, D.C., Nation. Acad. Sci., Biog. Mem.</i>	National Academy of Sciences. Biographical Memoirs. Washington, D.C.	— U.S.
<i>Washington, D.C., Proc. Biol. Soc.</i>	Proceedings of the Biological Society of Washington, Washington, D.C.	488 U.S.
<i>Washington, D.C., Smithsonian Inst., Misc. Collect.</i>	Smithsonian Institution. Smithsonian Miscellaneous Collections, Washington, D.C.	497 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Bull.</i>	Smithsonian Institution. U. S. National Museum. Bulletin, Washington, D.C.	498 U.S.
<i>Washington, D.C., Smithsonian Inst., Nation. Mus. Proc.</i>	Smithsonian Institution. U. S. National Museum. Proceedings, Washington, D.C.	500 U.S.
<i>Washington, D.C., Smithsonian Inst., Rep.</i>	Smithsonian Institution. Annual Report of the Board of Regents, Washington, D.C.	502 U.S.
<i>Washington, D.C., U. S. Dept. Int. Bull. Geol.</i>	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
<i>Wellington, Trans. and Proc. N. Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wien, Beitr. Pal. Geol. OstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und Gustav von Arthaber. Wien. [½ jährl.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jährl.]	420 Aus.

<i>Wien, Jahrb. Geol. Reichs-Anst.</i>	Jahrbuch der k. k. Geologischen Reichs-Anstalt. Wien. [$\frac{1}{4}$ jährl.]	425 Aus.
<i>Wien, SitzBer. Ak. Wiss. ..</i>	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jährl.]	477 Aus.
<i>Wiesbaden, Jahrb. Ver. Natk.</i>	Jahrbücher der nassauischen Vereins für Naturkunde. Wiesbaden. [jähr.]	1121 Ger.
<i>Wood's Holl, Mass., Mar. Biol. Lab. Bull.</i>	Marine Biological Laboratory. Biological Bulletin, Wood's Holl, Mass.	535 U.S.
<i>Zool. Anz., Leipzig... ..</i>	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monat.]	1148 Ger.
<i>Zs. Natur., Stuttgart ...</i>	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monat.]	1214 Ger.
<i>Zs. wiss. Insektenbiol., Husum</i>	Zeitschrift für wissenschaftliche Insektenbiologie. Früher: Allgemeine Zeitschrift für Entomologie. Hrsg. v. C. Schröder. Husum. [monatl.]	-- Ger.

*The numbers in the right-hand column are those used in the
General List of Journals.*



International Catalogue of Scientific Literature.

I.—TOPOGRAPHICAL CLASSIFICATION.

[To be used in connexion with Geography, Geology, Botany,
Zoology, etc.]

1.—MAIN DIVISIONS.

- a.* The Earth as a whole.
- b.* Land as a whole.
- c.* Ocean as a whole.
- d.* Europe and Mediterranean Islands.
- e.* Asia and Malay Archipelago, Celebes and Timor inclusive.
- f.* Africa and Madagascar.
- g.* North America to boundary between United States and Mexico.
- h.* Mexico, Central and South America, and West Indian Islands.
- i.* Australia, Tasmania and New Zealand, with New Guinea, Gilolo, and Moluccas to west, and including the Solomon Islands, New Hebrides, and New Caledonia to east.
- k.* Arctic: Greenland and the area north of the Arctic Circle, or of the coasts of Continental America, Asia, and Europe, whichever is farther north.
- l.* Atlantic and Islands from Arctic Circle to Lat. 45° S.—the southern portion bounded on the east by the meridian 20° E. of Greenwich, south of the coast of Africa; and on the west by the coast of South America.
- m.* Indian Ocean and Islands limited on the south by Lat. 45° S.; on the west by the meridian 20° E. of Greenwich; on the east by the coast of Australia and the meridian 147° E. of Greenwich.
- n.* Pacific and Islands from the Arctic Circle to Lat. 45° S., and between the meridian 147° E. of Greenwich and the coast of South America.
- o.* Antarctic: the area south of 45° S. except the Falkland Islands and the southern parts of South America and New Zealand; but including the islands of New Amsterdam and St. Paul.

N.B.—As a general rule, Islands more than 100 miles from the continent to be classed as Oceanic, unless specially excepted.

2. SUB-DIVISIONS.

d. EUROPE AND MEDITERRANEAN ISLANDS.

- da.* Scandinavia : Sweden, Norway, Denmark, Iceland, Faeroes.
- db.* Russia in Europe.
- dc.* German Empire.
- dd.* Holland ; Belgium ; Luxemburg.
- de.* British Islands.
- df.* France and Corsica.
- dg.* Spain and Portugal.
- dh.* Italy : Sicily and Sardinia.
- di.* Switzerland.
- dk.* Austria-Hungary (Bosnia and Herzegovina included).
- dl.* Balkan Peninsula (Turkey in Europe, Roumania, Bulgaria, Servia, Montenegro, and Greece).
- dm.* Mediterranean and Islands (excluding Sicily, Sardinia, and Corsica).
- dn.* Black Sea.
- do.* Baltic and Islands.

e. ASIA AND MALAY ARCHIPELAGO.

- ea.* Asiatic Russia.
- eb.* China and Dependencies : Tibet ; Corea.
- ec.* Japanese Islands ; Formosa.
- ed.* Cochinchina : Tonquin, Annam.
- ee.* Siam.
- ef.* British India : Himalaya ; Burmah ; Ceylon.
- eg.* Malay Peninsula from Isthmus of Kra and Archipelago to Wallace's line, including Celebes and Timor, with the Philippines and China Sea.
- eh.* Persia ; Afghanistan ; Baluchistan.
- ei.* Asiatic Turkey ; Arabia
- ek.* Caspian.
- el.* Persian Gulf.

f. AFRICA AND MADAGASCAR.

- fa.* Mediterranean States—Marocco, Algiers, Tunis, Tripoli.
- fb.* N.E. Africa ; Egypt and Nile Valley to Lat. 10° N. ; Abyssinia ; African Coast of Red Sea.
- fc.* Sahara and the French Sudan ; Darfur. etc.
- fd.* West Africa, from Marocco to the Congo.
- fe.* Congo State and Angola.
- ff.* East Africa, from the Southern border of *fb* to the Zambezi ; Socotra.
- fg.* South Africa—South of the Zambezi and of the boundary between Portuguese and German S.W. Africa.
- fh.* Madagascar and Comoro Group.
- fi.* Red Sea and Islands.

g. NORTH AMERICA.

- ga.* Alaska.
- gb.* Canada as a whole.
- gc.* Canadian Dominion West (Yukon, British Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan. Assiniboia).
- gd.* Canadian Dominion East; Newfoundland.
- ge.* The Laurentian Lakes.
- gf.* United States as a whole.
- gg.* North Eastern United States, East of Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* South Eastern United States, East of Mississippi.
- gi.* Western United States, West of Mississippi.

h. CENTRAL AND SOUTH AMERICA AND WEST INDIES.

- ha.* Mexico.
- hb.* Central America : Guatemala ; Honduras ; British Honduras ; Salvador ; Nicaragua ; Costa Rica.
- hc.* West Indian Islands ; Caribbean Sea ; Gulf of Mexico.
- hd.* Guiana—British, Dutch, and French ; Venezuela ; Trinidad.
- he.* Columbia ; Ecuador.
- hf.* Peru.
- hg.* Bolivia.
- hh.* Brazil.
- hi.* Argentina ; Uruguay and Paraguay.
- hk.* Chili.
- hl.* Tierra del Fuego and neighbouring islands ; Falkland Islands.
- hm.* The Andes.

i. AUSTRALASIA.

- ia.* New Guinea with Islands from Wallace's line, including Gilolo, Amboina, Ceram.
- ib.* Bismarck Archipelago (New Britain, etc., to Solomon Islands inclusive).
- ic.* Australia as a whole.
- id.* Queensland.
- ie.* New South Wales.
- if.* Victoria.
- ig.* South Australia.
- ih.* West Australia.
- ii.* Tasmania.
- ik.* New Zealand.
- il.* New Caledonia, New Hebrides, and Loyalty Islands.

E. ARCTIC.

- ea.** Arctic Ocean.
- eb.** Greenland.
- ec.** Archipelago north of North America.
- ed.** Islands north of Europe and Asia.

F. ATLANTIC.

- fa.** North Atlantic Ocean and Islands not otherwise specified.
- fb.** Azores; Canaries; Madeira; Cape Verde.
- fc.** South Atlantic and Islands.

G. INDIAN OCEAN.

- ga.** Ocean and Islands N. of Equator.
- gb.** Ocean and Islands S. of Equator, including Mascarene Islands, Amsterdam, and St. Paul.

H. PACIFIC.

- ha.** North Pacific Ocean (North of Equator).
- hb.** South Pacific Ocean (South of Equator).
- hc.** Behring Sea and Islands (Aleutian Archipelago, etc.).
- hd.** Sandwich Islands and scattered groups N. of Equator and E. of 180°.
- he.** Ladrone, Pelew, Caroline and Marshall Groups, with other Islands N. of Equator and W. of 180°.
- hf.** Fiji Islands, Friendly Islands, Samoa, Ellice, Phoenix Islands, etc., west of Meridian 160° W. of Greenwich.
- hg.** Galapagos Islands.
- hh.** Society Islands, Low Archipelago, Marquesas, and other Islands of S. Pacific, east of Meridian 160° W. of Greenwich.

I. ANTARCTIC.

- ia.** Antarctic Continent as a whole.
- ib.** S. Georgia, Sandwich Groups, and other Islands S. of S. Atlantic.
- ic.** Prince Edward Island, Crozets, Kerguelen, and other Islands S. of Indian Ocean.
- id.** Islands to Southward and South-east of New Zealand and Area South of Pacific.

Internationaler Katalog der naturwissenschaftlichen Litteratur.

I — TOPOGRAPHISCHE CLASSIFICATION.

[In Verbindung mit Geographie, Geologie, Botanik, Zoologie etc.
zu benutzen.]

1.— HAUPT-ABSCHNITTE.

- a. Die Erde als Ganzes.
- b. Das Festland als Ganzes.
- c. Der Ocean als Ganzes.
- d. Europa und die Inseln im Mittelländischen Meere.
- e. Asien und der Malayische Archipel, einschliesslich Celebes und Timor.
- f. Africa und Madagaskar.
- g. Nord-Amerika bis zur Grenze zwischen den Vereinigten Staaten und Mexiko.
- h. Mexiko, Central- und Süd-Amerika, Westindische Inseln.
- i. Australien, Tasmanien und Neu-Seeland, mit Neu-Guinea, Gilolo und Molukken nach Westen, und mit Salomo-Inseln, Neuen Hebriden und Neu-Caledonien nach Osten.
- k. Arktisches Gebiet: Grönland und der vom Polarkreis umschlossene Raum, insbesondere die jenseits desselben gelegenen Kütenländer von Amerika, Asien und Europa.
- l. Atlantisches Gebiet mit seinen Inseln vom Polarkreis bis 45° S. Br.; der südliche Theil wird südliche von Afrika nach Osten durch den Meridian 20° O. [v. Gr.] begrenzt und reicht im Westen bis zur Küste von Süd-Amerika.
- m. Der Indische Ocean mit seinen Inseln reicht im Süden bis 45° S. Br.; im Westen bis 20° O. L., im Osten bis zur Küste von Australien und dem Meridian 140° O. L.
- n. Pacifisches Gebiet mit seinen Inseln, vom Nordpolarkreis bis 45° S. Br., im südlichen Theil begrenzt durch den Meridian 147° O. L. nach Westen, und die Küste von Süd-Amerika nach Osten.
- o. Antarktisches Gebiet, umfassend das Gebiet südlich von 45° S. Br., mit Ausschluss der Falklands-Inseln, der südlichen Theile von Süd-Amerika und Neu-Seelands, aber einschliesslich der Inseln Neu-Amsterdam und St. Paul.

N.B.—Allgemeine Regel: Inseln, die mehr als 100 englische Meilen (160 Kilometer) vom Festland entfernt sind, sind, falls nicht besonders ausgenommen, als oceanisch zu classificiren.

2. UNTERABTHEILUNGEN.

d. EUROPA UND DIE INSELN IM MITTELLÄNDISCHEN MEERE.

- da.* Skandinavien: Schweden, Norwegen, Dänemark, Island Faröer.
- db.* Des Europäische Russland.
- dc.* Das Deutsche Reich.
- dd.* Holland; Belgien; Luxemburg.
- de.* Die Britischen Inseln.
- df.* Frankreich und Corsica.
- da.* Spanien und Portugal.
- dh.* Italien, met Sicilien und Sardinien.
- di.* Die Schweiz.
- dk.* Oesterreich-Ungarn (einschliesslich Bosnien und Herzegowina).

- dl.* Die Balkan - Halbinsel (Europäische Türkei, Rumänien, Bulgarien, Serbien, Montenegro, Griechenland).
- dm.* Das Mittelländische Meer mit seinen Inseln (mit Ausschluss von Sicilien, Sardinien und Corsica).
- da.* Das Schwarze Meer.
- do.* Die Ostsee mit ihren Inseln.

e. ASIEN UND DER MALAYISCHE ARCHIPEL.

- ea.* Asiatisches Russland.
- eb.* China und zugehörige Länder; Tibet; Korea.
- ec.* Japanische Inseln; Formosa.
- ed.* Cochinchina; Tonking, Annam.
- ee.* Siam.
- ef.* Britisch-Indien, einschliesslich Himalaya, Burma, Ceylon.
- eg.* Malayische Halbinsel südlich vom Isthmus von Kra, und Malayischer Archipel bis zu Wallace's Linie, einschliesslich Celebes und Timor; Philippinen; Chinesisches Südmeer.
- eh.* Persien; Afghanistan; Belutschistan.
- ei.* Asiatische Türkei; Arabien.
- ek.* Das Kaspische Meer.
- el.* Der Persische Golf.

f. AFRIKA UND MADAGASKAR.

- fa.* Die Mittelmeer-Staaten: Marokko, Algier, Tunis, Tripolis.
- fb.* Nordost-Afrika: Egypten und Niltal bis 10° N. Br.; Abessinien; afrikanische Küste des Rothen Meeres.
- fc.* Die Sahara und der französische Sudan; Darfur etc.
- fd.* West-Afrika, von Marokko bis zum Kongo.
- fe.* Kongo-Staat und Angola.
- ff.* Ostafrika, von der südlichen Grenze von *fb.* bis zum Sambesi; Sokotra.
- fg.* Sud-Afrika, südlich des Sambesi und der Grenze zwischen Portugiesisch und Deutsch Südwest-Afrika.
- fh.* Madagaskar und Komoren.
- fi.* Das Rothe Meer mit seinen Inseln.

g. NORD-AMERIKA.

- ga. Alaska.
- gb. Canada als Ganzes.
- gc. West-Canadisches Gebiet: Yukon, Britisch-Columbia, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia.
- gd. Ost-Canadisches Gebiet; Neufundland.
- ge. Gebiet der Laurentischen Seen.
- gf. Vereinigte Staaten als Ganzes.
- gg. Nordosten der Vereinigten Staaten, östlich vom Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh. Südosten der Vereinigten Staaten, östlich vom Mississippi.
- gi. Westen der Vereinigten Staaten, westlich vom Mississippi.

h. CENTRAL-AMERIKA, SÜD-AMERIKA, WEST-INDIEN.

- ha. Mexiko.
- hb. Central-Amerika: Guatemala, Honduras; Britisch-Honduras; Salvador; Nicaragua; Costa Rica.
- hc. Westindische Inseln; Caraibisches Meer; Golf von Mexiko.
- hd. Guyana: Britisch, Niederländisch und Französisch; Venezuela; Trinidad.
- he. Columbia; Ecuador.
- hf. Peru.
- hg. Bolivia.
- hh. Brasilien.
- hi. Argentinien; Uruguay und Paraguay.
- hk. Chile.
- hl. Feuerland und benachbarte Inseln; Falkland Inseln.
- hm. Die Anden.

i. AUSTRALASIEN.

- ia. Neu-Guinea, nebst Inseln im Osten von Wallace's Linie, einschliesslich Gilolo, Amboina, Ceram.
- ib. Bismarck-Archipel (Neu-Pommern etc. bis Salomo-Inseln).
- ic. Australien als Ganzes.
- id. Queensland.
- ie. Neu-Süd-Wales.
- if. Victoria.
- ig. Süd-Australien.
- ih. West-Australien.
- ii. Tasmanien.
- ik. Neu-Seeland.
- il. Neu-Caledonien, Neue Hebriden und Loyalty Inseln.

k. ARKTISCHES GEBIET.

- ka. Der Arktische Ocean.
- kb. Grönland.
- kc. Archipel nördlich von Nord-Amerika.
- kd. Inseln nördlich von Europa und Asien.

l. ATLANTISCHES GEBIET.

- la. Der Nordatlantische Ocean mit seinen Inseln, soweit sie nicht anderweit eingereiht sind.
- lb. Azoren; Kanaren; Madeira; Cap Verde.
- lc. Der Südatlantische Ocean mit seinen Inseln.

m. INDISCHER OCEAN.

- ma. Ocean und Inseln nördlich vom Aequator.
- mb. Ocean und Inseln südlich vom Aequator, einschliesslich Maskarenen, Neu-Amsterdam und St. Paul.

n. PACIFISCHES GEBIET.

- na. Nordpazifischer Ocean (nördlich vom Aequator).
- nb. Südpazifischer Ocean (südlich vom Aequator).
- nc. Bering's Meer, nebst Inseln (Aleuten-Archipel etc.).
- nd. Sandwich-Inseln und zerstreute Gruppen nördlich vom Aequator und östlich vom 180. Grad.
- ne. Ladronen-, Palau-, Carolinen- und Marshall-Gruppen, nebst andern Inseln nördlich vom Aequator und Westlich vom 180. Grad.
- nf. Fidjisch-Inseln, Freundschafts-Inseln, Samoa, Ellice-Inseln, Phoenix-Inseln etc., westlich vom Meridian 160° W. L.
- ng. Galapagos-Inseln.
- nh. Gesellschafts-Inseln, Niedrige Inseln, Marquesas- und andere Inseln des südlichen Pazifischen Oceans, östlich vom Meridian 160° W. L.

o. ANTARCTISCHES GEBIET.

- oa. Der Antarktische Kontinent als Ganzes.
- ob. Süd-Georgien, Sandwich-Gruppen, und andere Inseln südlich vom südatlantischen Gebiet.
- oc. Prince Edward-Insel, Crozet-Inseln, Kerguelen- und andere Inseln südlich vom Indischen Ocean.
- od. Inseln südlich und südöstlich von Neu-Seeland, und Gebiet südlich des Pazifischen Oceans.

Catalogue International de la Littérature Scientifique.

CLASSIFICATION TOPOGRAPHIQUE.

[Cette classification sera appliquée à la géographie, à la géologie, à la botanique, à la zoologie, etc.]

I — GRANDES DIVISIONS.

- a.* Données d'ensemble relatives au globe terrestre.
- b.* Données d'ensemble relatives aux continents.
- c.* Données d'ensemble relatives aux océans.
- d.* Europe et îles méditerranéennes.
- e.* Asie et Archipel Malais, Célèbes et Timor inclus.
- f.* Afrique et Madagascar.
- g.* Amérique du Nord [en prenant comme limite celle qui sépare les États-Unis du Mexique].
- h.* Le Mexique, Amérique centrale et méridionale avec les Antilles.
- i.* Australie, Tasmanie et Nouvelle Zélande avec la Nouvelle Guinée, Gilolo et les Moluques à l'ouest, les îles Salomon, les Nouvelles Hébrides et la Nouvelle Calédonie à l'est.
- k.* Régions arctiques : Groenland et surface polaire s'étendant des côtes américaines, asiatiques et européennes à l'extrême nord.
- l.* Atlantique avec les îles comprises entre le cercle polaire arctique et le 45° de lat. S. Partie sud de l'Atlantique limitée à l'est par le méridien 20° E. (Greenwich), au sud de l'Afrique ; et à l'ouest par le côté de l'Amérique du sud.
- m.* Océan Indien avec les îles situées dans l'espace limité dans le sud par le 45° de lat. S. ; à l'ouest par le méridien 20° E. (Greenwich) ; dans l'est par la côte australienne et le méridien 147° E. (Greenwich).
- n.* Le Pacifique avec les îles comprises, en latitude, du cercle polaire arctique au 45° de lat. S. ; en longitude, du méridien 147° E. (Greenwich) à la côte de l'Amérique du sud.
- o.* Régions antarctiques : depuis le 45° de lat. S., moins les Falkland, la pointe sud de l'Amérique méridionale et la Nouvelle Zélande, mais en y comprenant les îles St. Paul et Nouvelle Amsterdam.

N.B.—En général les îles qui se trouvent à plus de 160 à 185 kilomètres du continent sont classées comme îles océaniques, à moins que le contraire ne soit stipulé spécialement.

II.—SUBDIVISIONS.

d. EUROPE ET ÎLES MÉDITERRANÉENNES.

- da.* Scandinavie : Suède, Norvège, Danemark, Islande, îles Feroë.
- db.* Russie d'Europe.
- dc.* Empire Germanique.
- dd.* Hollande ; Belgique ; Luxembourg.
- de.* Îles Britanniques.
- df.* France et Corse.
- dg.* Espagne et Portugal.
- dh.* Italie ; Sicile et Sardaigne.
- di.* Suisse.
- dk.* Autriche-Hongrie (Bosnie et Herzégovine inclus).
- dl.* Péninsule Balkanique (Turquie d'Europe, Roumanie, Bulgarie, Serbie, Monténégro et Grèce).
- dm.* Méditerranée avec ses îles (moins la Sicile, la Sardaigne, et la Corse).
- dn.* Mer Noire.
- do.* La Baltique et ses îles.

e. ASIE ET ARCHIPEL MALAIS.

- ea.* Asie russe.
- eb.* Chine et dépendances ; Thibet ; Corée.
- ec.* Archipel du Japon ; Formose.
- ed.* Cochinchine. Tonkin. Annam. Cambodge.
- ee.* Siam.
- ef.* Indes Britanniques : Himalaya ; Burma, Ceylan.
- eg.* La Péninsule Malaise depuis l'isthme de Kra ; et l'Archipel Malais jusqu'à la ligne séparative de Wallace, y compris Célèbes, Timor, les Philippines et la Mer de Chine.
- eh.* Perse ; Afghanistan ; Bélouchistan.
- ei.* Turquie d'Asie ; Arabie.
- ek.* Mer Caspienne.
- el.* Golfe persique.

f. AFRIQUE ET MADAGASCAR.

- fa.* Pays méditerranéens : Maroc, Algérie, Tunisie, Tripoli.
- fb.* N.E. Africain ; Egypte et la vallée du Nil depuis le 10° de lat. N. ; Abyssinie ; côte africaine de la Mer Rouge.
- fc.* Le Sahara et le Soudan français ; Darfour, etc.
- fd.* Ouest africain, du Maroc au Congo.
- fe.* Etat du Congo et Angola.
- ff.* Est africain, depuis la bordure sud de *fb* au Zambèze, Socotora.

- fg.* Sud africain—Au sud du Zambèze et de la limite entre les possessions portugaises et allemandes du sud-ouest de l'Afrique.
- fh.* Madagascar et groupe des Comores.
- fi.* La Mer Rouge et ses îles.

g. AMÉRIQUE DU NORD.

- ga.* Alaska.
- gb.* Le Canada dans son entier.
- gc.* Puissance du Canada de l'ouest (Yukon, Colombie Britannique, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Puissance du Canada de l'est ; Terre neuve.
- ge.* Région des grands lacs laurentiens.
- gf.* États-Unis.
- gg.* États-Unis du Nord-Est, à l'est du Mississipi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvanie, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* États-Unis du sud-est, à l'est du Mississipi.
- gi.* États-Unis de l'ouest, à l'ouest du Mississipi.

h. AMÉRIQUE CENTRALE ET MÉRIDIONALE ; INDES OCCIDENTALES.

- ha.* Mexique.
- hb.* Amérique centrale : Guatemala ; Honduras ; Honduras britannique ; Salvador ; Nicaragua ; Costa Rica.
- hc.* Antilles ; Mer Caraïbe ; Golfe du Mexique.
- hd.* Guyanes britannique, hollandaise, et française ; Vénézuéla ; île de Trinité.
- he.* Colombie. Ecuador.
- hf.* Pérou.
- hg.* Bolivie.
- hh.* Brésil.
- hi.* République Argentine ; Uruguay et Paraguay.
- hk.* Chili.
- hl.* Terre de feu et îles voisines ; les Falkland (Malouines).
- hm.* Les Andes.

i. AUSTRALIE.

- ia.* Nouvelle Guinée avec les îles de la ligne séparative de Wallace, en y comprenant Gilolo, Amboine, Ceram.
- ib.* Archipel de Bismarck (Nouvelle Bretagne avec les îles Salomon).
- ic.* L'Australie en son entier.
- id.* Queensland.
- ie.* Nouvelle Galles du sud.
- if.* Victoria.
- ig.* Australie du sud.

- ih. Australie occidentale.
- ii. Tasmanie.
- ik. Nouvelle Zélande.
- il. Nouvelle Calédonie, Nouvelles Hébrides et les îles Loyauté.

k. RÉGIONS ARCTIQUES.

- ka. Océan arctique.
- kb. Groenland.
- kc. Archipel nord de l'Amérique du Nord.
- kd. Îles au nord d'Europe et d'Asie (Spitzberg, etc.).

l. ATLANTIQUE.

- la. Océan Atlantique septentrional et les îles qui n'ont pas encore été spécifiées.
- lb. Açores; Canaries; Madère; Cap Vert.
- lc. Atlantique méridional et ses îles.

m. Océan Indien.

- ma. Océan et les îles au nord de l'Equateur.
- mb. Océan et les îles au sud de l'Equateur, avec les Mascareignes et les îles Amsterdam et St. Paul.

n. PACIFIQUE.

- na. Pacifique septentrional (au nord de l'Equateur).
- nb. Pacifique méridional (au sud de l'Equateur).
- nc. Mer de Behring et ses îles (Aléoutiennes . . . etc.).
- nd. Îles Sandwich, avec les groupes situés au nord de l'Equateur et à l'est du 180°.
- ne. Mariannes, Pelew, archipel des Carolines et de Marshall, avec les autres îles situées au nord de l'Equateur et à l'ouest du 180°.
- nf. Îles Fidji, îles des Amis (Tonga, Samoa, Ellice, Phénix et autres) situées à l'ouest du méridien 160° O. (Greenwich).
- ng. Îles Galapagos.
- nh. Îles de la Société, Pomoutou, Marquises et autres îles du Pacifique méridional à l'est du méridien 160° O. (Greenwich).

o. RÉGIONS ANTARCTIQUES.

- oa. Continent antarctique dans son entier.
- ob. Géorgie du Sud, groupe des Sandwichs et autres îles au S. de l'Atlantique méridional.
- oc. Îles du Prince Edouard, Crozet, Kerguelen et autres îles au S. de l'Océan Indien.
- od. Îles au sud et au sud-est de la Nouvelle Zélande et régions méridionales du Pacifique.

Catalogo Internazionale della Letteratura Scientifica.

I.—CLASSIFICAZIONE TOPOGRAFICA.

[Da usarsi in rapporto con la Geografia, Geologia, Botanica, Zoologia, ecc.]

1 —DIVISIONI PRINCIPALI.

- a. La Terra nel suo complesso.
- b. Le terre emerse.
- c. L' oceano nel suo complesso.
- d. Europa e Isole del Mediterraneo.
- e. Asia e Arcipelago Malese, comprese Celebes e Timor.
- f. Africa e Madagascar.
- g. America settentrionale fino al limite tra gli Stati Uniti e il Messico.
- h. Messico, America Centrale e Meridionale, e Indie Occidentali.
- i. Australia. Tasmania e Nuova Zelanda colla Nuova Guinea, Gilolo e Molucche verso Ponente, le Salomone, le Nuove Ebridi e la Nuova Caledonia verso Levante.
- k. Regione Artica: Groenlandia e l' area a Nord del Circolo Polare, ovvero a Nord delle coste dell' America continentale, dell' Asia e dell' Europa.
- l. L' Atlantico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., limitato nella sua parte meridionale oltre la costa Africana dal 20° E. da Greenwich, ad Est; e dalla costa dell' America meridionale ad Ovest.
- m. L' Oceano Indiano e le sue Isole, limitato a sud dal 45° di Lat. S., a Ponente del meridiano 20° E. di Greenwich; a Levante dalla costa dell' Australia e dal 147° E. da Greenwich.
- n. Il Pacifico e le sue Isole dal Circolo Polare Artico alla Lat. di 45° S., e tra il 147° meridiano E. da Greenwich e le coste dell' America meridionale.
- o. Regione Antartica: cioè l'area meridionale limitata dal 45° S., eccetto le Isole Falkland e le parti meridionali dell' America del Sud e della Nuova Zelanda; comprendendovi però le isole di Nuova Amsterdam e S. Paolo.

N.B.—Come regola generale, le isole lontane più di 100 miglia inglesi (160 chilometri) dal continente devono essere classificate come oceaniche, salvo speciali eccezioni.

2.—SUDDIVISIONI.

d. EUROPA E ISOLE DEL MEDITERRANEO.

- da.* Scandinavia: Svezia, Norvegia, Danimarca, Islanda, **Far Ær.**
- db.* Russia Europea.
- dc.* Impero Germanica.
- dd.* Olanda; Belgio; Lussemburgo.
- de.* Isole Britanniche.
- df.* Francia e Corsica.
- dg.* Spagna e Portogallo.
- dh.* Italia: Sicilia e Sardegna.
- di.* Svizzera.
- dk.* Austria-Ungheria (comprese Bosnia ed Erzegovina).
- dl.* Penisola, Balcanica (Turchia Europea, Rumania, Bulgaria, Serbia, Montenegro e Grecia).
- dm.* Mediterraneo e Isole (salvo la Sicilia, la Sardegna e la Corsica).
- dn.* Mar Nero.
- do.* Il Baltico e le sue Isole.

e. ASIA E ARCIPELAGO MALESE.

- ea.* Russia Asiatica.
- eb.* Cina e dipendenze: Tibet; Corea.
- ec.* Isole del Giappone; Formosa.
- ed.* Coccincina: Tonchino, Annam.
- ee.* Siam.
- ef.* India Britannica: Himalaya; Birmania; Ceylon.
- eg.* Penisola Malese dall' Istmo di Kra e Arcipelago Malese fino alla linea, di Wallace, comprendendovi Celebes e Timor colle Filippine e il Mar della Cina.
- eh.* Persia; Afghanistan; Belucistan.
- ei.* Turchia Asiatica; Arabia.
- ek.* Il Caspio.
- el.* Golfo Persica.

f. AFRICA E MADAGASCAR.

- fa.* Stati Mediterranei—Marocco, Algeri, Tunisi, Tripoli.
- fb.* Africa del N.E.; Egitto e Vallata del Nilo fino al 10° di Lat. N.; Abissinia; Coste dell' Africa sul Mar Rosso.
- fc.* Sahara e Sudan Francese; Darfur, ecc.
- fd.* Africa occidentale dal Marocco al Congo.
- fe.* Stato del Congo e Angola.
- ff.* Africa orientale dal limite indicato in *fb* al Zambesi; Socotra.
- fg.* Africa australe dal Zambesi e dal confine tra l' Africa Portoghese e l' Africa Germanica del S.W.
- fh.* Madagascar e Gruppo delle Comoro.
- fi.* Il Mar Rosso e le sue Isole.

g. AMERICA SETTENTRIONALE.

- ga.* Alaska.
- gb.* Il Canada in generale.
- gc.* Dominio del Canada occidentale (Yukon, Columbia Britannica, Mackenzie, Athabasca, Alberta, Saskatchewan, Assiniboia).
- gd.* Dominio del Canada orientale; Terranova.
- ge.* I Laghi Laurenziana.
- gf.* Gli Stati Uniti in generale.
- gg.* Stati Uniti del Nord-Est, ad E. del Mississippi (Maine, Vermont, New Hampshire, New York, Massachusetts, Connecticut, Rhode Island, Pennsylvania, New Jersey, Ohio, Michigan, Wisconsin, Illinois, Indiana).
- gh.* Stati Uniti del Sud-Est, ad E. del Mississippi.
- gi.* Stati Uniti occidentali, ad W. del Mississippi.

h. AMERICA CENTRALE E MERIDIONALE E INDIE OCCIDENTALI.

- ha.* Messico.
- hb.* America Centrale; Guatemala; Honduras; Honduras Britannico; Salvador; Nicaragua; Costa Rica.
- hc.* Indie occidentali; Mar dei Caribi; Golfo del Messico.
- hd.* Guaiana—Britannica, Olandese e Francese; Venezuela; Trinidad.
- he.* Columbia; Ecuador.
- hf.* Perù.
- hg.* Bolivia.
- hh.* Brasile.
- hi.* Argentina; Uruguay e Paraguay.
- hk.* Cile.
- hl.* Terra del Fuoco e Isole vicine; Isole Falkland.
- hm.* Le Ande.

i. AUSTRALIA E OCEANIA.

- ia.* Nuova Guinea colle Isole dalla linea di Wallace, comprendendovi Gilolo (Halmahera) Amboina, Seram.
- ib.* Arcipelago di Bismarck (Nuova Britannia, ecc., fino alle Solomone inclusivamente).
- ic.* Australia in generale.
- id.* Queensland.
- ie.* Nuova Galles del Sud.
- if.* Victoria.
- ig.* Australia meridionale.
- ih.* Australia occidentale.
- ii.* Tasmania.
- ik.* Nuova Zelanda.
- il.* Nuova Caledonia, Nuove Ebridi, e Isole Loyalty.

k. REGIONE ARTICA.

- ka.* Oceano Artico.
- kb.* Groenlandia.
- kc.* Arcipelago Nord Americano.
- kd.* Isole a N. dell' Europa e dell' Asia.

l. OCEANO ATLANTICO.

- la.* Oceano Atlantico settentrionale e sue Isole, non indicate altrove.
- lb.* Azorre; Canarie; Madera; Isole del Capo Verda.
- lc.* Atlantico meridionale e sue Isole.

m. OCEANO INDIANO.

- ma.* Oceano e Isole a Nord dell' Equatore.
- mb.* Oceano e Isole a Sud dell' Equatore, comprendendovi le Mascarene, Amsterdam e S. Paolo.

n. OCEANO PACIFICO.

- na.* Pacifico del Nord (a N. dell' Equatore).
- nb.* Pacifico del Sud (a S. dell' Equatore).
- nc.* Mar di Behring e sue Isole (Aleutine, ecc.).
- nd.* Isole Sandwich e Gruppi sparsi a N. dell' Equatore e ad E. del 180°.
- ne.* Isole dei Ladroni, Pelew, Caroline e Marshall, con altre Isole a N. dell' Equatore e ad ovest del 180°.
- nf.* Isole Figi, degli Amici, Samoa, Ellice, Fenice, ecc., ad ovest del 160° W. di Greenwich.
- ng.* Isole Galapagos.
- nh.* Isole della Società, Arcipelago di Low, Marchesi e altre Isole del Pacifico meridionale, ad Est del meridiano 160° W. da Greenwich.

o. REGIONE ANTARTICA.

- oa.* Regione antartica in generale.
- ob.* Georgia australe. Gruppo delle Sandwich e altre Isole a Sud dell' Atlantico meridionale.
- oc.* Isole del Principe Edoardo, Crozets, Kerguelen e altre Isole a Sud dell' Oceano Indiano.
- od.* Isole a Sud e a Sud-Est della Nuova Zelanda e Regione a Sud del Pacifico.

